HCD-HDX265/HDX266/HDX267W/ HDX465/HDX466/HDX665

SERVICE MANUAL

US Model
HCD-HDX265/HDX266/HDX267W/HDX465
Canadian Model
HCD-HDX466/HDX665
E Model
Australian Model
HCD-HDX265

Self Diagnosis Supported model

Ver. 1.1 2007.03

Photo: HCD-HDX265

- HCD-HDX265 is the amplifier, DVD system, tuner and video section in DAV-HDX265.
- HCD-HDX266 is the amplifier, DVD system, tuner and video section in DAV-HDX266.
- HCD-HDX267W is the amplifier, DVD system, tuner and video section in DAV-HDX267W.
- HCD-HDX465 is the amplifier, DVD system, tuner and video section in DAV-HDX465.
- HCD-HDX466 is the amplifier, DVD system, tuner and video section in DAV-HDX466.
- HCD-HDX665 is the amplifier, DVD system, tuner and video section in DAV-HDX665.

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

This system incorporates with Dolby* Digital and Dolby Pro Logic (II) adaptive matrix surround decoder and the DTS** Digital Surround System.

* Manufactured under license from Dolby Laboratories.
"Dolby", "Pro Logic", and the double-D symbol are trademarks of Dolby Laboratories.

** Manufactured under license from DTS, Inc.
"DTS" and "DTS Digital Surround" are registered trademarks of DTS, Inc.

Model Name Using Similar Mechanism	HCD-DX155
DVD Mechanism Type	CDM81C-DVBU101
Optical Pick-up Block Name	KHM-310CAB or KHM-313CAB

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS
for the US model

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 3 ohms loads, both channels driven, from 120 - 20,000 Hz; rated 84 watts per channel minimum RMS power, with no more than 0.7 % total harmonic distortion from 250 milli watts to rated output.

Amplifier section
EXCEPT HCD-HDX266

US models:

Surround mode (reference): RMS output power FL/FR/C/SL/SR*: 143 watts (per channel at 3 ohms, 1 kHz, 10 % THD)
Subwoofer*: 285 watts (at 1.5 ohms, 80 Hz, 10 % THD)

Other models:

Stereo mode (rated): 108 W + 108 W (at 3 ohms, 1 kHz, 1 % THD)

Surround mode (reference): RMS output power FL/FR/C/SL/SR*: 143 watts (per channel at 3 ohms, 1 kHz, 10 % THD)
Subwoofer*: 285 watts (at 1.5 ohms, 80 Hz, 10 % THD)

HCD-HDX266

Surround mode (reference): RMS output power FL/FR/C/SL/SR*: 142 watts (per channel at 3 ohms, 1 kHz, 10 % THD)
Subwoofer*: 140 watts (at 3 ohms, 80 Hz, 10 % THD)

* *Depending on the sound field settings and the source, there may be no sound output.*

Inputs (Analog)
TV/VIDEO (AUDIO IN): Sensitivity: 450/250 mV
AUDIO IN: Sensitivity: 250/125 mV
Outputs (Analog)
Phones: Accepts low-and high-impedance headphones.

– Continued on next page –

DVD RECEIVER

9-887-551-02
2007C05-1
© 2007.03

Sony Corporation
Home Audio Division
Published by Sony Techno Create Corporation

SONY

DVD system

Laser: Semiconductor laser (DVD:λ = 650 nm) (CD:λ = 790 nm) Emission duration: continuous

Signal format system

North American models: NTSC

Other models: PAL/NTSC

Tuner section

System: PLL quartz-locked digital synthesizer

FM tuner section

Tuning range

North American models: 87.5-108.0 MHz (100 kHz step)

Other models: 87.5-108.0 MHz (50 kHz step)

Antenna (aerial): FM wire antenna (aerial)

Antenna (aerial) terminals: 75 ohms, unbalanced

Intermediate frequency: 10.7 MHz

AM tuner section

Tuning range

North American model: 530 – 1,710kHz (with the interval set at 10 kHz) 531 – 1,710kHz (with the interval set at 9 kHz)

Australian model: 531 – 1,710 kHz (with the interval set at 9 kHz) 530 – 1,710 kHz (with the interval set at 10 kHz)

Other models: 531 – 1,602 kHz (with the interval set at 9 kHz) 530 – 1,610 kHz (with the interval set at 10 kHz)

Antenna (aerial): AM loop antenna (aerial)

Intermediate frequency: 450 kHz

Video section

Outputs

VIDEO: 1 Vp-p 75 ohms

S VIDEO:

Y: 1 Vp-p 75 ohms

C: 0.286 Vp-p 75 ohms

COMPONENT:

Y: 1 Vp-p 75 ohms

P_B/C_B, P_R/C_R: 0.7 Vp-p 75 ohms

HDMI OUT: Type A (19 pin)

General

Power requirements

North American models: 120 V AC, 60 Hz

Other models: 220 - 240 V AC, 50/60 Hz

Power output (DIGITAL MEDIA PORT)

DC OUT: 5 V, 700 mA

Power consumption

EXCEPT HCD-HDX266: On: 175 W Standby: 0.3 W (at the Power Saving mode)

HCD-HDX266: On: 150 W Standby: 0.3 W (at the Power Saving mode)

Dimensions (approx.)

EXCEPT HCD-HDX267W: 430 × 86 × 415 mm (17 × 3 1/2 × 16 3/8 inches) (w/h/d) incl. projecting parts

HCD-HDX267W: 430 × 86 × 435 mm (17 × 3 1/2 × 17 1/4 inches) (w/h/d) incl. projecting parts

Mass (approx.)

EXCEPT HCD-HDX267W: 5.2 kg (11 lb 8 oz)

HCD-HDX267W: 5.4 kg (11 lb 15 oz)

Design and specifications are subject to change without notice.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COM- POSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage.
Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes.). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

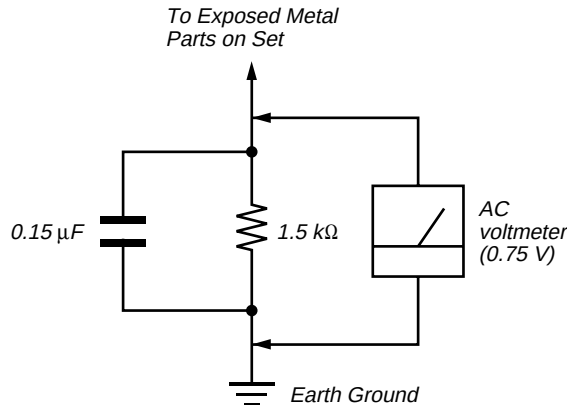
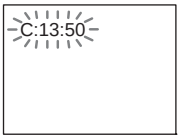


Fig. A. Using an AC voltmeter to check AC leakage.

SELF DIAGNOSIS FUNCTION

(When letters/numbers appear in the display)

When the self-diagnosis function is activated to prevent the system from malfunctioning, a 5-character service number (e.g., C 13 50) with a combination of a letter and 4 digits appears on the TV screen or front panel display. In this case, check the following table.



First 3 characters of the service number	Cause and/or corrective action
C 13	The disc is dirty. ➡Clean the disc with a soft cloth.
C 31	The disc is not inserted correctly. ➡Restart the system, then re-insert the disc correctly.
E XX (xx is a number)	To prevent a malfunction, the system has performed the self-diagnosis function. ➡Contact your nearest Sony dealer or local authorized Sony service facility and give the 5-character service number. Example: E 61 10

When displaying the version number on the TV screen

When you turn on the system, the version number [VER.X.XX] (X is a number) may appear on the TV screen. Although this is not a malfunction and for Sony service use only, normal system operation will not be possible. Turn off the system, and then turn on the system again to operate.

TABLE OF CONTENTS

1. SERVICING NOTES 5

2. GENERAL 9

3. DISASSEMBLY

3-1. Disassembly Flow 11
3-2. Case 12
3-3. DIAT CON Board 12
3-4. IO Board 13
3-5. Front Panel Block 13
3-6. POWER Board 14
3-7. Back Panel Block 14
3-8. DMPORT Board 15
3-9. MAIN Board 15
3-10. Cover (MD) 16
3-11. DVD Mechanism deck (CDM81C-DVBU101) 16
3-12. Tray (Main) Assy 17
3-13. MOTOR Board 17
3-14. Base Unit (DVBU101) 18
3-15. Optical Pick-Up Block (KHM-310CAB/313CAB) 18
3-16. Gear (Sub Tray 1)/Gear (Sub Tray 2) 19
3-17. Lever Assy 19
3-18. Stocker Section 20
3-19. Cam (Stocker) 20
3-20. Gear (Stocker 3) 21
3-21. Rotary Encoder (MD) 21
3-22. Gear (BU1) 22

4. TEST MODE 23

5. ELECTRICAL ADJUSTMENTS 28

6. DIAGRAMS

6-1. Block Diagram – RF SERVO/VIDEO Section – 29
6-2. Block Diagram – CHANGER/HDMI/DMPORT Section – 30
6-3. Block Diagram – AUDIO Section – 31
6-4. Block Diagram – AMP Section – 32
6-5. Block Diagram – PANEL/POWER SUPPLY Section – 33
6-6. Schematic Diagram – MAIN Board (1/13) – 35
6-7. Schematic Diagram – MAIN Board (2/13) – 36
6-8. Schematic Diagram – MAIN Board (3/13) – 37
6-9. Schematic Diagram – MAIN Board (4/13) – 38
6-10. Schematic Diagram – MAIN Board (5/13) – 39
6-11. Schematic Diagram – MAIN Board (6/13) – 40
6-12. Schematic Diagram – MAIN Board (7/13) – 41
6-13. Schematic Diagram – MAIN Board (8/13) – 42
6-14. Schematic Diagram – MAIN Board (9/13) – 43
6-15. Schematic Diagram – MAIN Board (10/13) – 44
6-16. Schematic Diagram – MAIN Board (11/13) – 45
6-17. Schematic Diagram – MAIN Board (12/13) – 46
6-18. Schematic Diagram – MAIN Board (13/13) – 47
6-19. Printed Wiring Board – MAIN Board (Component Side) – 48
6-20. Printed Wiring Board – MAIN Board (Conductor Side) – 49
6-21. Printed Wiring Board – SIRIPARA Board – 50
6-22. Schematic Diagram – SIRIPARA Board – 51
6-23. Printed Wiring Boards – CHANGER Section – 52
6-24. Schematic Diagram – CHANGER Section – 53
6-25. Printed Wiring Board – DMPORT Board – 54
6-26. Schematic Diagram – DMPORT Board – 55
6-27. Schematic Diagram – IO Board (1/2) – 56
6-28. Schematic Diagram – IO Board (2/2) – 57
6-29. Printed Wiring Board – IO Board – 58
6-30. Printed Wiring Board – FL Board – 59
6-31. Schematic Diagram – FL Board (1/2) – 60
6-32. Schematic Diagram – FL Board (2/2) – 61
6-33. Printed Wiring Boards – PANEL Section – 62
6-34. Schematic Diagram – PANEL Section – 63
6-35. Schematic Diagram – POWER Board (1/2) – 64
6-36. Schematic Diagram – POWER Board (2/2) – 65
6-37. Printed Wiring Board – POWER Board – 66

7. EXPLODED VIEWS

7-1. Case Section 87
7-2. Front Panel Section 88
7-3. Main Section 89
7-4. DVD Mechanism Deck Section-1 (CDM81C-DVBU101) 90
7-5. DVD Mechanism Deck Section-2 (CDM81C-DVBU101) 91
7-6. DVD Mechanism Deck Section-3 (CDM81C-DVBU101) 92
7-7. Base Unit 93

8. ELECTRICAL PARTS LIST 94

SECTION 1
SERVICING NOTES

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.
During repair, pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.
The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

UNLEADED SOLDER

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.
(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size)

: LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40 °C higher than ordinary solder.
  Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
  Soldering irons using a temperature regulator should be set to about 350 °C.
  Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
  Unleaded solder is more viscou-s (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
  It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

RELEASING THE TRAY LOCK

The disc tray lock function for the antitheft of an demonstration disc in the store is equipped.

Releasing Procedure :

1. Press the I/⏻ button to turn on the system.
2. Press the FUNCTION button repeatedly to select “DVD”.
3. While pressing the ■ button, press the ⏏ button until “UNLOCKED” displayed on the fluorescent indicator tube (around 5 seconds).

Note: When “LOCKED” is displayed, the tray lock is not released by turning power on/off with the I/⏻ button.

RELEASING THE DEMO PLAY LOCK

Releasing Procedure :

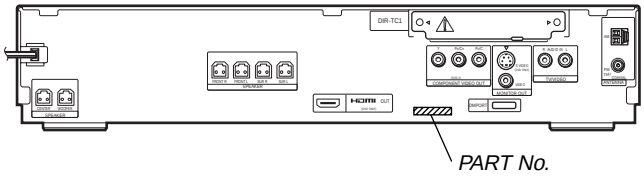
1. Press the I/⏻ button to turn on the system.
2. Press the FUNCTION button repeatedly to select “DVD”.
3. While pressing the ■ button, press the ▷ button until “DEMO OFF” displayed on the fluorescent indicator tube (around 5 seconds).

Note: When “DEMO PLAY” is displayed, the set is not possible to turn off the system.

NOTE OF REPLACING THE EEPROM (IC1103) ON THE MAIN BOARD

EEPROM (IC1103) on the MAIN board cannot exchange with single. When EEPROM (IC1103) on the MAIN board is damaged, exchange the entire mounted board.

MODEL IDENTIFICATION



MODEL	PART No.
HDX465	2-892-557-2
HDX265: US model	2-892-557-3
HDX265: Australian model	2-892-557-4
HDX665	2-892-557-5
HDX466	2-892-557-6
HDX266	2-892-557-8
HDX267W	2-892-557-9
HDX265: E model	3-100-747-1

About This Manual

- The instructions in this manual describe the controls on the remote. You can also use the controls on the unit if they have the same or similar names as those on the remote.
- The instructions in this manual are for HCD-HDX265, HCD-HDX266, HCD-HDX267W, HCD-HDX465, HCD-HDX466 and HCD-HDX665. HCD-HDX265 is the model used for illustration purposes. Any difference in operation is clearly indicated in the text, for example, “HCD-HDX265 only.”
- The Control Menu items may vary depending on the area.
- “DVD” may be used as a general term for DVD VIDEOs, DVD+RWs/DVD+Rs, and DVD-RWs/DVD-Rs.
- Measurements are expressed in feet (ft) for North American models.
- The following symbols are used in this manual.

Symbol	Meaning
DVD-V	Functions available for DVD VIDEOs, DVD-Rs/DVD-RWs in video mode, and DVD+Rs/ DVD+RWs
DVD-VR	Functions available for DVD-Rs/ DVD-RWs in VR (Video Recording) mode
VIDEO CD	Functions available for VIDEO CDs (including Super VCDs or CD-Rs/CD-RWs in video CD format or Super VCD format)
CD	Functions available for music CDs or CD-Rs/CD-RWs in music CD format
DATA-CD	Functions available for DATA CDs (CD-ROMs/CD-Rs/CD-RWs) containing MP3[1)] audio tracks, JPEG image files, and DivX[2)3)4)] video files
DATA DVD	Functions available for DATA DVDs (DVD-ROMs/DVD-Rs/ DVD-RWs/DVD+Rs/DVD+RWs) containing MP3[1)] audio tracks, JPEG image files, and DivX[2)3)4)] video files

[1)]MP3 (MPEG1 Audio Layer 3) is a standard format defined by ISO/MPEG which compresses audio data.

[2)]Except for United Kingdom and North American models.

[3)] DivX® is a video file compression technology, developed by DivX, Inc.

[4)] DivX, DivX Certified, and associated logos are trademarks of DivX, Inc. and are used under license.

This System Can Play the Following Discs

Format of discs	Disc logo
DVD VIDEO	
DVD-RW/ DVD-R	
DVD+RW/ DVD+R	
VIDEO CD (Ver. 1.1 and 2.0 discs)/ Audio CD	
CD-RW/CD-R (audio data) (MP3 files) (JPEG files)	

“DVD-RW,” “DVD+RW,” “DVD+R,” “DVD VIDEO,” and the “CD” logos are trademarks.

Note about CDs/DVDs

The system can play CD-ROMs/CD-Rs/CD-RWs recorded in the following formats:

– audio CD format
– VIDEO CD format
– MP3 audio tracks, JPEG image files, and DivX video files* of format conforming to ISO 9660 Level 1/Level 2, or its extended format, Joliet

The system can play DVD-ROMs/DVD+RWs/ DVD-RWs/DVD+Rs/DVD-Rs recorded in the following formats:

– MP3 audio tracks, JPEG image files, and DivX video files* of format conforming to UDF (Universal Disc Format)

* Except for United Kingdom and North American models.

Example of discs that the system cannot play

The system cannot play the following discs:

- CD-ROMs recorded in PHOTO CD format
- Data part of CD-Extras
- DVD Audios
- Super Audio CD
- DATA DVDs that do not contain MP3 audio tracks, JPEG image files, or DivX video files*

* Except for United Kingdom and North American models.

- DVD-RAMs

Also, the system cannot play the following discs:

- A DVD VIDEO with a different region code
- A disc that has a non-standard shape (e.g., card, heart)
- A disc with paper or stickers on it
- A disc that has the adhesive of cellophane tape or a sticker still left on it

Notes about CD-R/CD-RW/DVD-R/ DVD-RW/DVD+R/DVD+RW

In some cases, CD-R/CD-RW/DVD-R/DVD-RW/DVD+R/DVD+RW cannot be played on this system due to the recording quality or physical condition of the disc, or the characteristics of the recording device and authoring software.

The disc will not play if it has not been correctly finalized. For more information, see the operating instructions for the recording device. Note that some playback functions may not work with some DVD+RWs/DVD+Rs, even if they have been correctly finalized. In this case, view the disc by normal playback. Also some DATA CDs/DATA DVDs created in Packet Write format cannot be played.

Music discs encoded with copyright protection technologies

This product is designed to play back discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.

Note on DualDiscs

A DualDisc is a two sided disc product which mates DVD recorded material on one side with digital audio material on the other side. However, since the audio material side does not conform to the Compact Disc (CD) standard, playback on this product is not guaranteed.

About Multi Session CD

- This system can play Multi Session CDs when an MP3 audio track is contained in the first session. Any subsequent MP3 audio tracks recorded in later sessions can also be played back.
- This system can play Multi Session CDs when a JPEG image file is contained in the first session. Any subsequent JPEG image files recorded in later sessions can also be played back.
- If audio tracks and images in music CD format or video CD format are recorded in the first session, only the first session will be played back.

Region code

Your system has a region code printed on the rear of the unit and will only play DVDs labeled with the same region code.

DVD VIDEOs labeled 🌐 will also play on this system.

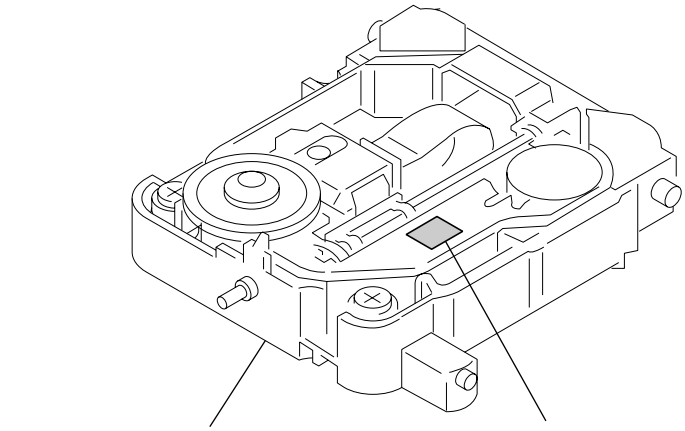
If you try to play any other DVD VIDEO, the message [Playback prohibited by area limitations.] will appear on the TV screen. Depending on the DVD VIDEO, no region code indication may be given even though playing the DVD VIDEO is prohibited by area restrictions.

Note about playback operations of DVDs and VIDEO CDs

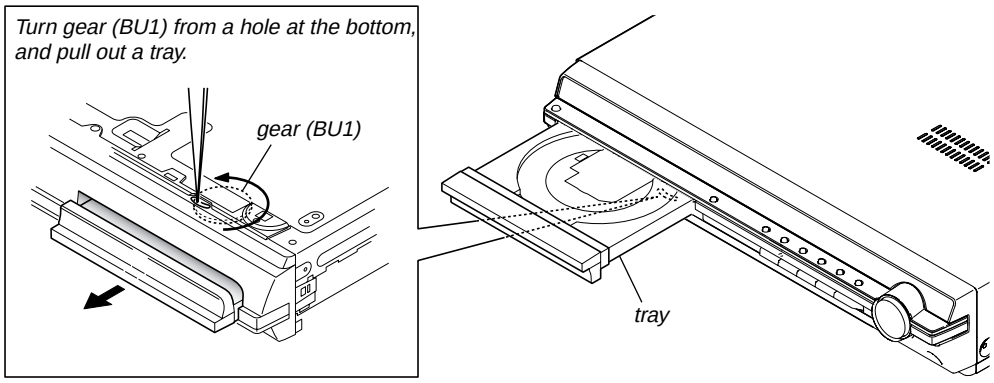
Some playback operations of DVDs and VIDEO CDs may be intentionally set by software producers. Since this system plays DVDs and VIDEO CDs according to the disc contents the software producers designed, some playback features may not be available. Be sure to read the operating instructions supplied with the DVDs or VIDEO CDs.

HOW TO IDENTIFY OPTICAL PICK-UP BLOCK

Note: *There are two kinds of OPTICAL PICK-UP BLOCK in this set. When replacing the OPTICAL PICK-UP BLOCK, make sure which OPTICAL PICK-UP BLOCK it is following the "How to Identify" in the figure shown below.*

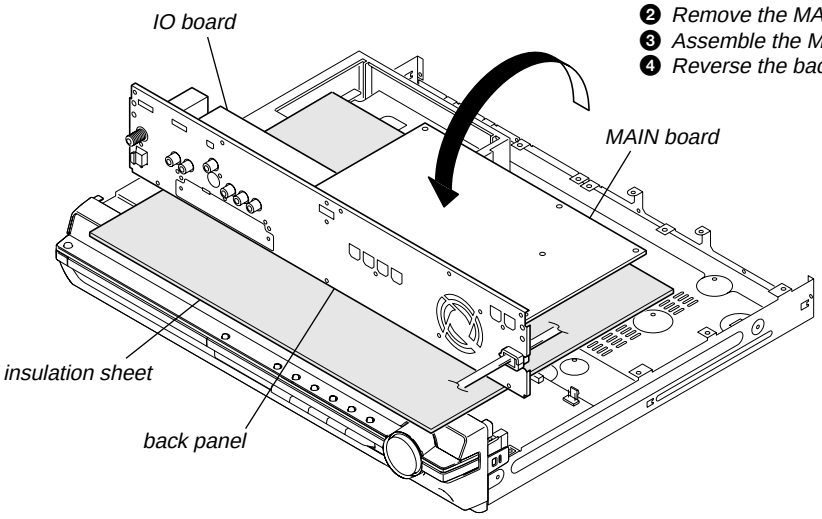


HOW TO OPEN THE TRAY WHEN POWER SWITCH TURN OFF

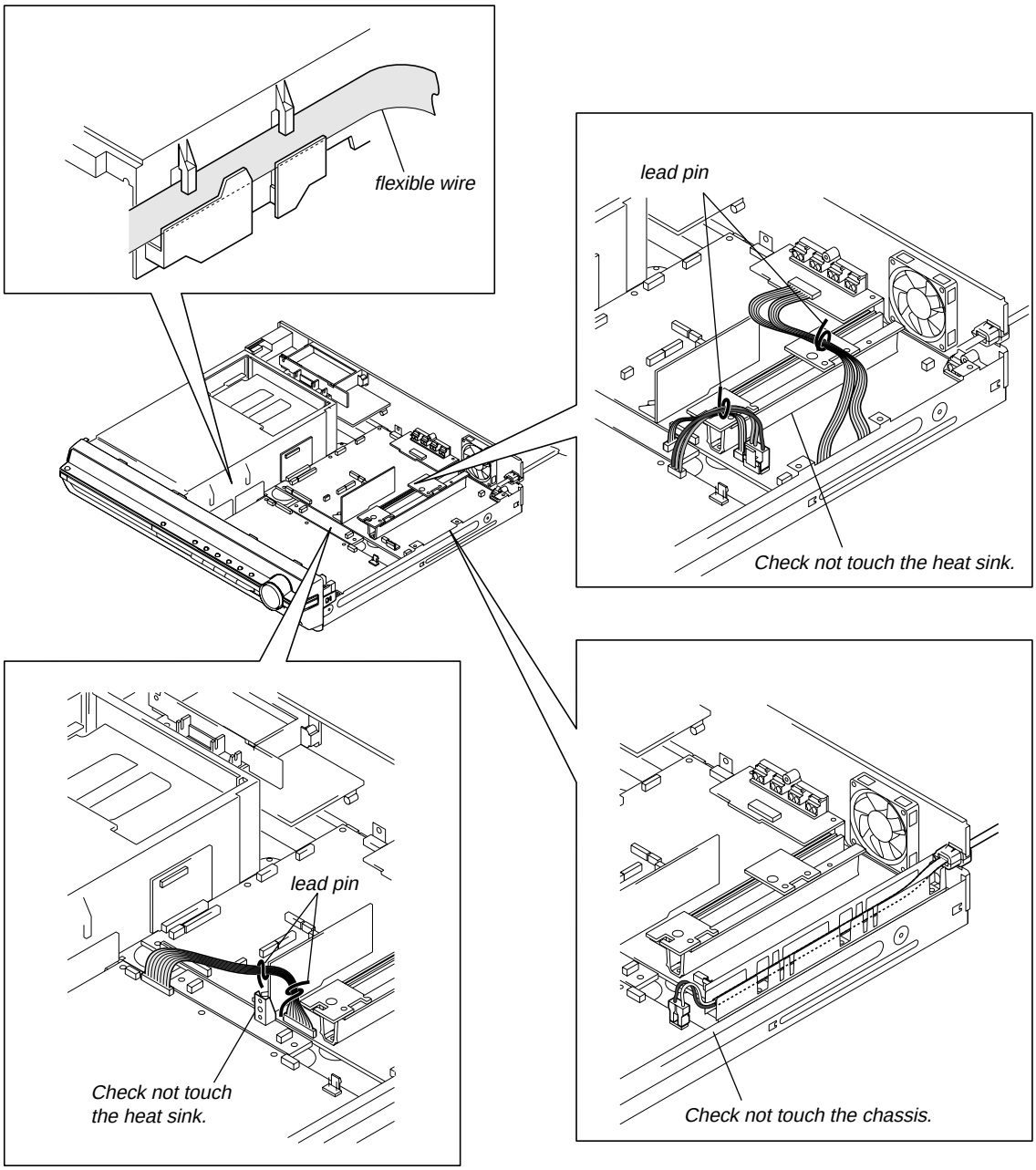


MAIN BOARD SERVICE POSITION

❶ *Remove the back panel with IO board.*
❷ *Remove the MAIN board.*
❸ *Assemble the MAIN board to back panel block.*
❹ *Reverse the back panel block.*



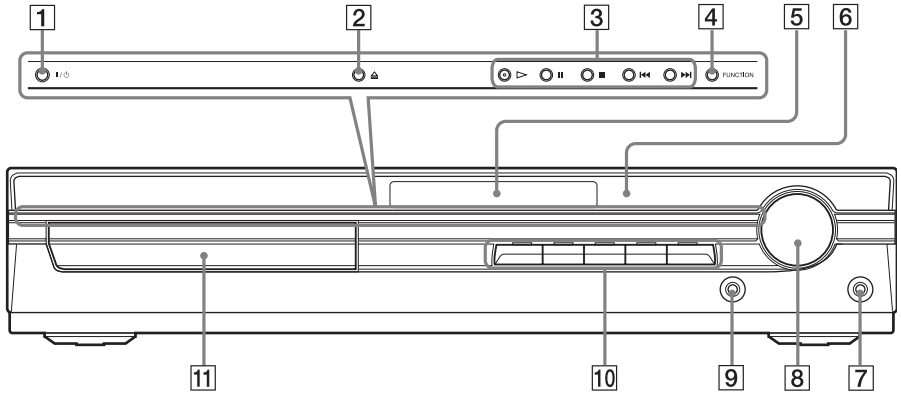
HARNESS SETTING



This section is extracted from instruction manual.

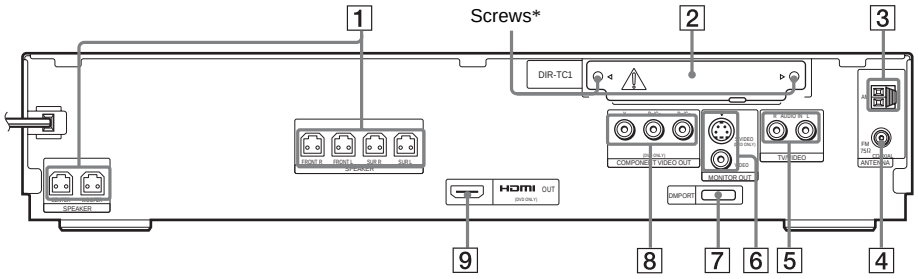
Index to Parts and Controls

Front panel



1 **I/⏻ (on/standby)**
2 **⏏ (open/close)**
3 **Disc operation**
4 **FUNCTION**
5 **Front panel display**
6 **R (remote sensor)**
7 **PHONES jack**
8 **VOLUME control**
9 **AUDIO IN/A.CAL MIC jack**
10 **DISC 1-5 buttons/indicators**
11 **Disc tray**

Rear panel



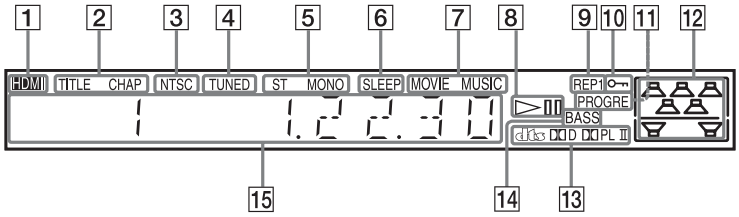
1 **SPEAKER jacks**
2 **DIR-TC1 slot for the WAHT-SD1**
3 **AM terminal**
4 **FM 75 Ω COAXIAL jack**
5 **TV/VIDEO (AUDIO IN R/L) jacks**
6 **MONITOR OUT (S VIDEO/VIDEO) jacks**
7 **DMPORT (DIGITAL MEDIA PORT) jack**
8 **COMPONENT VIDEO OUT jacks**
9 **HDMI OUT jack**

* ⚠ CAUTION

Please do not remove the screws before installing the WAHT-SD1.

Front panel display

About the indications in the front panel display



1. **Lights up when the HDMI OUT jack is correctly connected to HDCP (high-bandwidth digital content protection) compliant device with HDMI or DVI (digital visual interface) input.**
2. **Lights up when the time information of a title or chapter appears in the front panel display. (DVD only)**
3. **Lights up when the color system is set to NTSC. (Asian, Australian, and Middle Eastern models only)**
4. **Lights up when a station is received. (Radio only)**
5. **Stereo/Monaural effect (Radio only)**
6. **Lights up when the sleep timer is set.**
7. **Lights up when the movie or music mode is selected.**
8. **Playing status (DVD function only)**
9. **Current repeat mode**
10. **Lights up when the child lock function is set to on.**
11. **Lights up when the system outputs progressive signals (DVD function only).**
12. **Indicates the selected [SPEAKER FORMATION].**
13. **Current surround format (Except for JPEG)**
14. **Lights up when the DYNAMIC BASS is selected.**
15. **Displays system's status such as chapter, title, or track number, time information, radio frequency, playing status, sound field, etc.**

Remote control

ALPHABETICAL ORDER

A – O

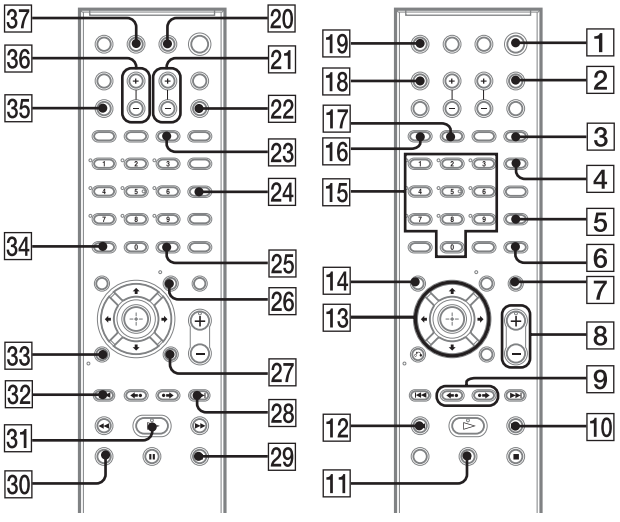
ANGLE 5
AUDIO 4
CLEAR 34
D.TUNING 24
DISC SKIP 35
DISPLAY 2
DVD MENU 26
DVD TOP MENU 14
DYNAMIC BASS 23
ENTER 25
FUNCTION 22
MOVIE/MUSIC 17
MUTING 7
Number buttons* 15

P – Z

PICTURE NAVI 6
PRESET +/– 28 32
SOUND FIELD 16
SUBTITLE 24
SYSTEM MENU 25
THEATRE SYNC 20
TUNING +/– 10 12
TV 30
TV CH +/– 21
TV INPUT 18
TV VOL +/– 36
VIDEO FORMAT 3
VOLUME +/–* 8

BUTTON RESCRIPTIONS

I/⏻ (on/standby) 1
TV I/⏻ (on/standby) 37
←/↑/↓/→/⊕ 13
⏮●/●⏭ REPLAY/ ADVANCE 9
⏮/⏭ 32 28
◀◀/▶▶ 12 10
◀▮ ▮▶ SLOW 12 10
▷ (play)* 31
◀II/II▶ STEP 9
■ (stop) 29
▮▮ (pause) 11
⏏ (open/close) 19
▭ DISPLAY 27
↩ RETURN 33
-/-- 34



* The ▷, number 5, and VOLUME + buttons have tactile dots. Use the tactile dots as references when operating the system.

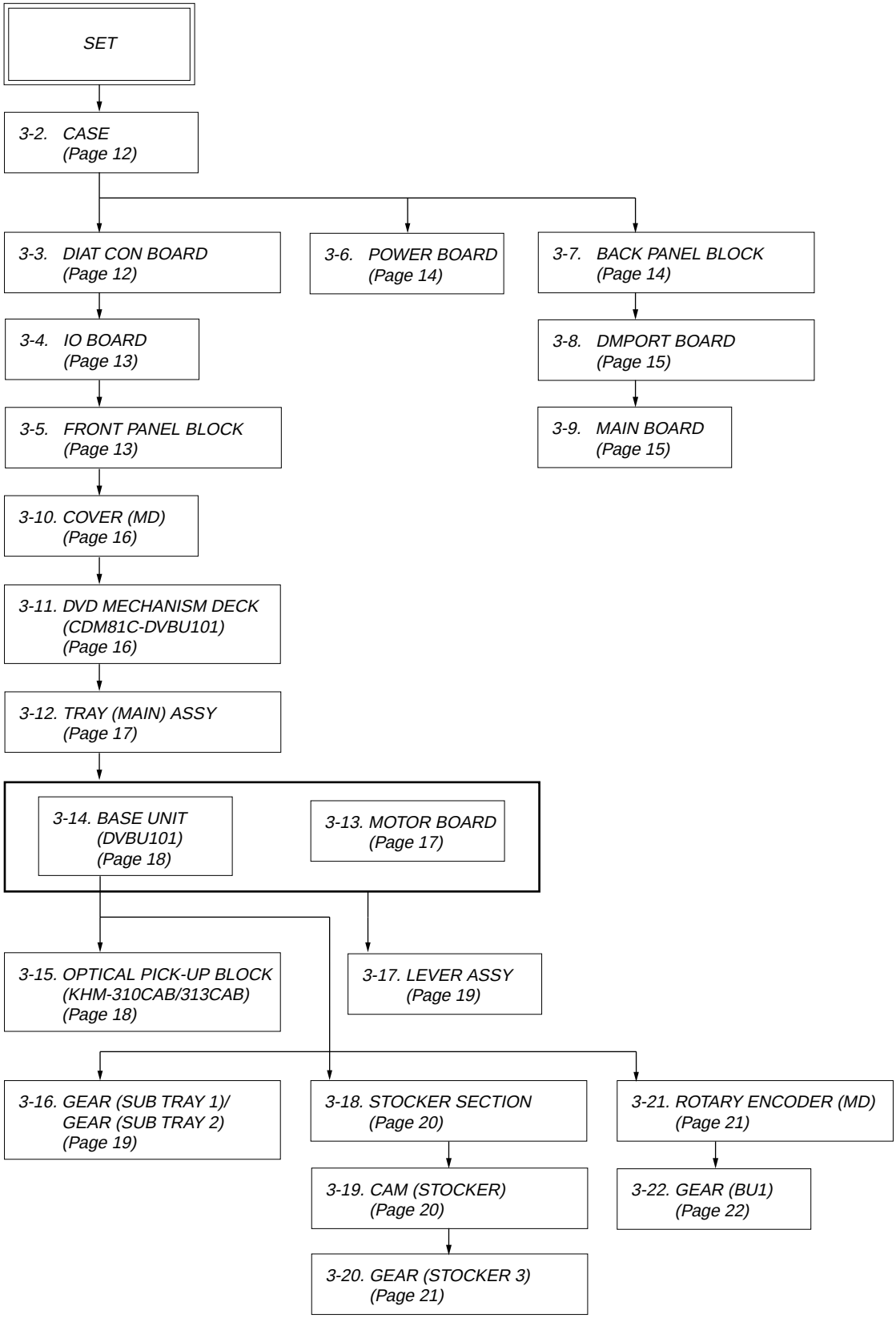
SECTION 3
DISASSEMBLY

- This set can be disassembled in the order shown below.

3-1. DISASSEMBLY FLOW

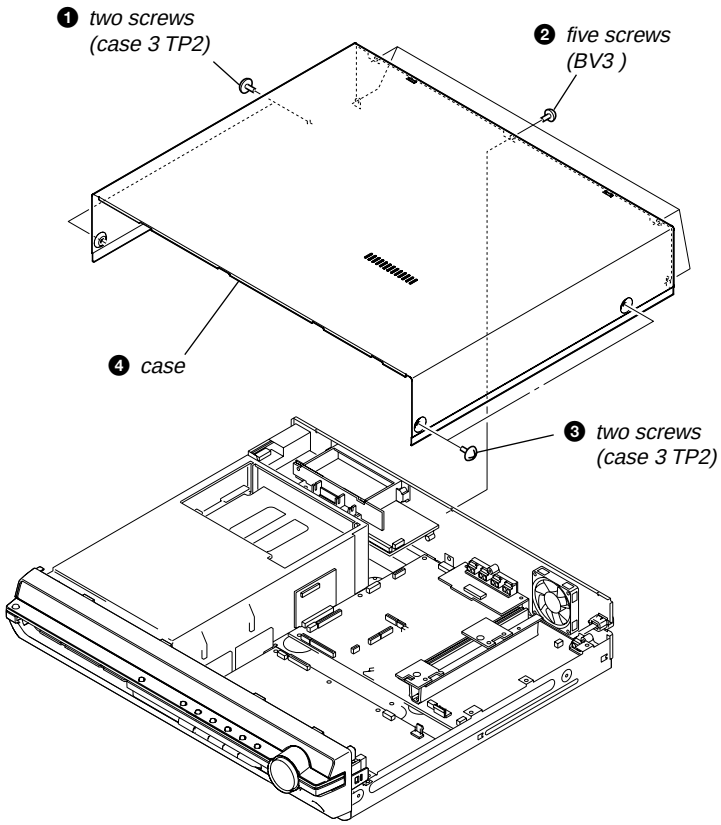
Note 1: *The process described in* ▣ *can be performed in any order.*

Note 2: *Without completing the process described in* ▣*, the next process can not be performed.*

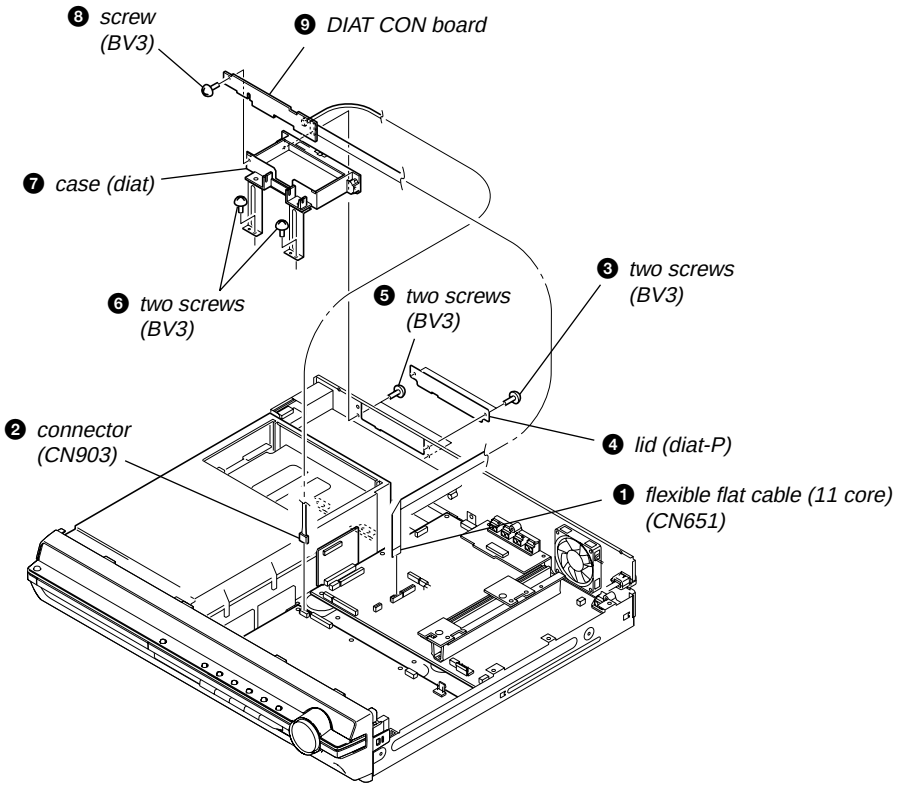

SET
3-2. CASE (Page 12)
3-3. DIAT CON BOARD (Page 12)
3-6. POWER BOARD (Page 14)
3-7. BACK PANEL BLOCK (Page 14)
3-4. IO BOARD (Page 13)
3-8. DMPORT BOARD (Page 15)
3-5. FRONT PANEL BLOCK (Page 13)
3-9. MAIN BOARD (Page 15)
3-10. COVER (MD) (Page 16)
3-11. DVD MECHANISM DECK (CDM81C-DVBU101) (Page 16)
3-12. TRAY (MAIN) ASSY (Page 17)
3-14. BASE UNIT (DVBU101) (Page 18)
3-13. MOTOR BOARD (Page 17)
3-15. OPTICAL PICK-UP BLOCK (KHM-310CAB/313CAB) (Page 18)
3-17. LEVER ASSY (Page 19)
3-16. GEAR (SUB TRAY 1)/ GEAR (SUB TRAY 2) (Page 19)
3-18. STOCKER SECTION (Page 20)
3-21. ROTARY ENCODER (MD) (Page 21)
3-19. CAM (STOCKER) (Page 20)
3-22. GEAR (BU1) (Page 22)
3-20. GEAR (STOCKER 3) (Page 21)

Note: Follow the disassembly procedure in the numerical order given.

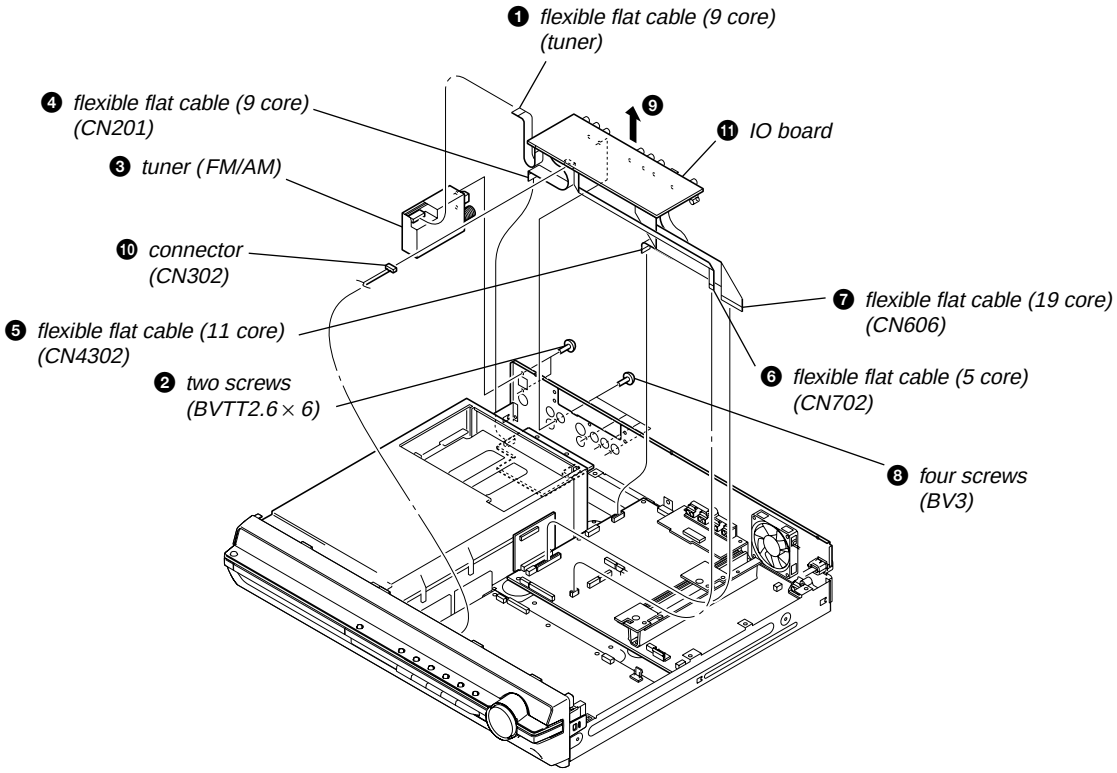
3-2. CASE



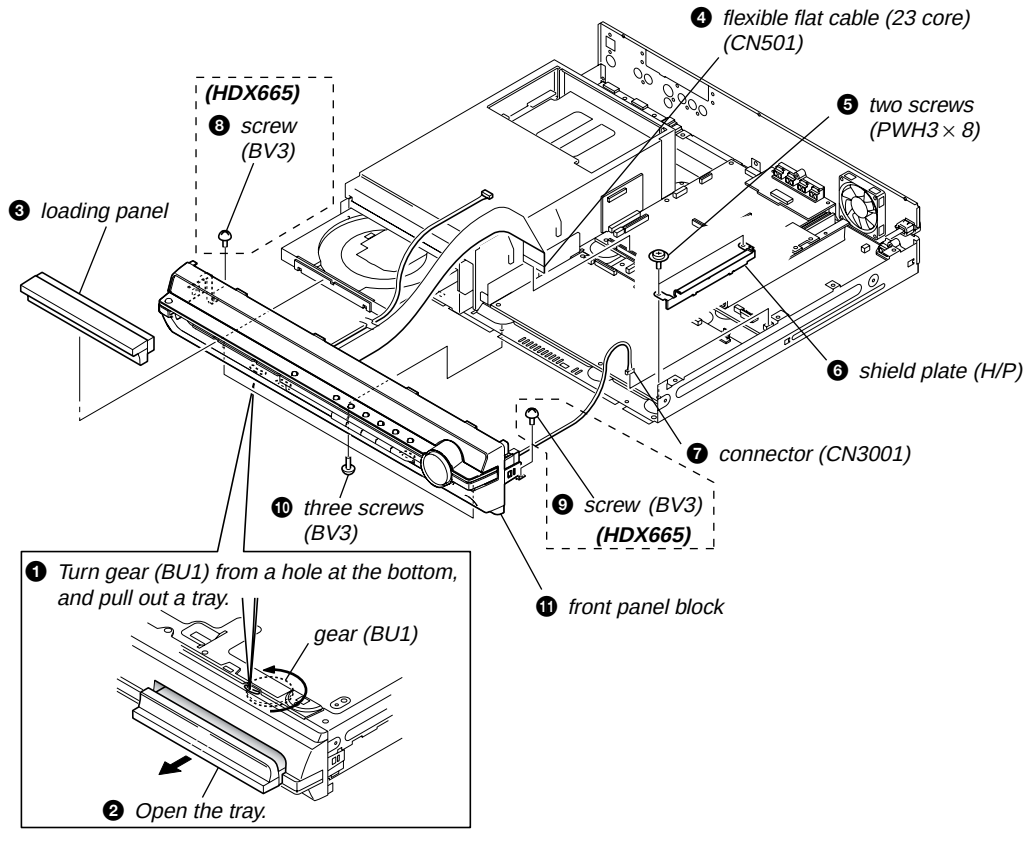
3-3. DIAT CON BOARD



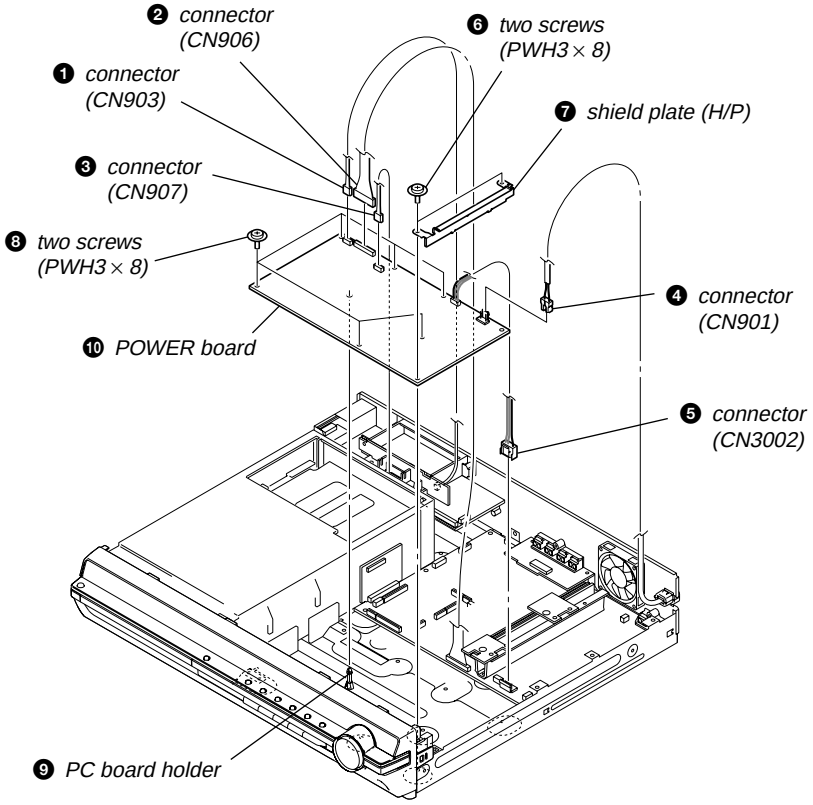
3-4. IO BOARD


❶ flexible flat cable (9 core) (tuner)
❹ flexible flat cable (9 core) (CN201)
❸ tuner (FM/AM)
❿ connector (CN302)
❺ flexible flat cable (11 core) (CN4302)
❷ two screws (BVTT2.6 × 6)
❾
⓫ IO board
❼ flexible flat cable (19 core) (CN606)
❻ flexible flat cable (5 core) (CN702)
❽ four screws (BV3)

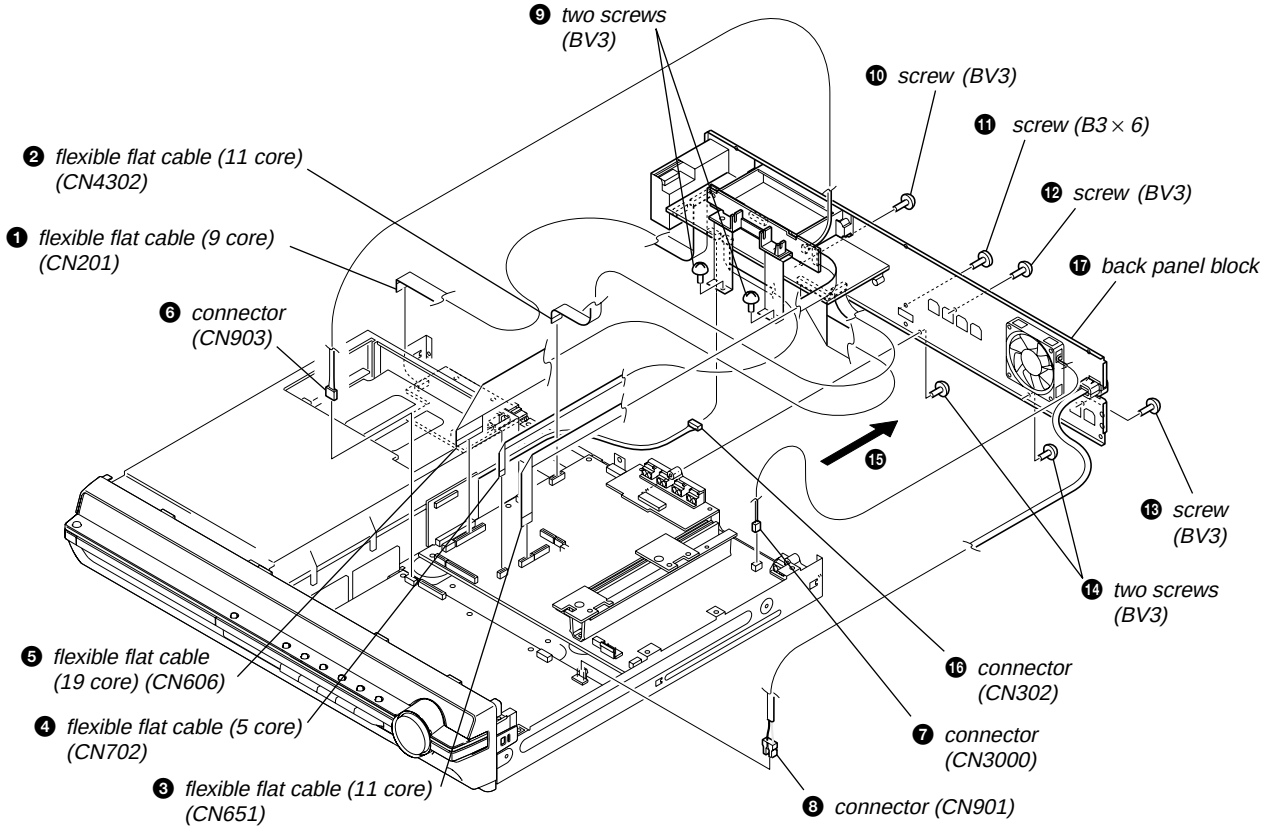
3-5. FRONT PANEL BLOCK


❹ flexible flat cable (23 core) (CN501)
(HDX665)
❽ screw (BV3)
❺ two screws (PWH3 × 8)
❸ loading panel
❻ shield plate (H/P)
❼ connector (CN3001)
❿ three screws (BV3)
❾ screw (BV3) (HDX665)
⓫ front panel block
❶ Turn gear (BU1) from a hole at the bottom, and pull out a tray.
gear (BU1)
❷ Open the tray.

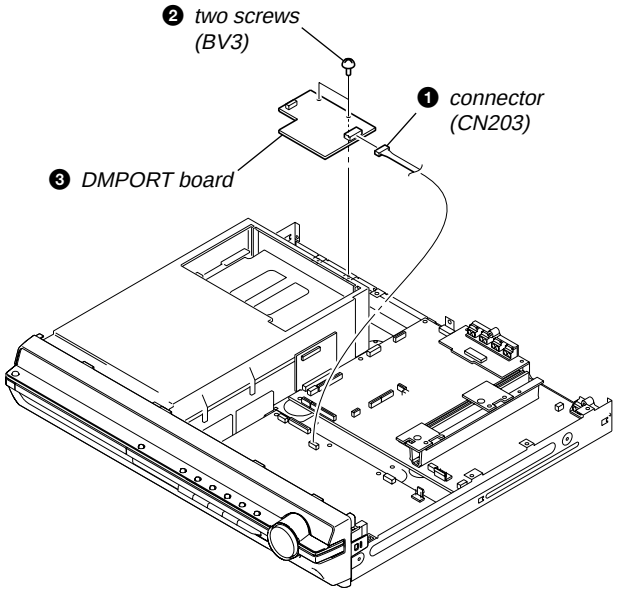
3-6. POWER BOARD



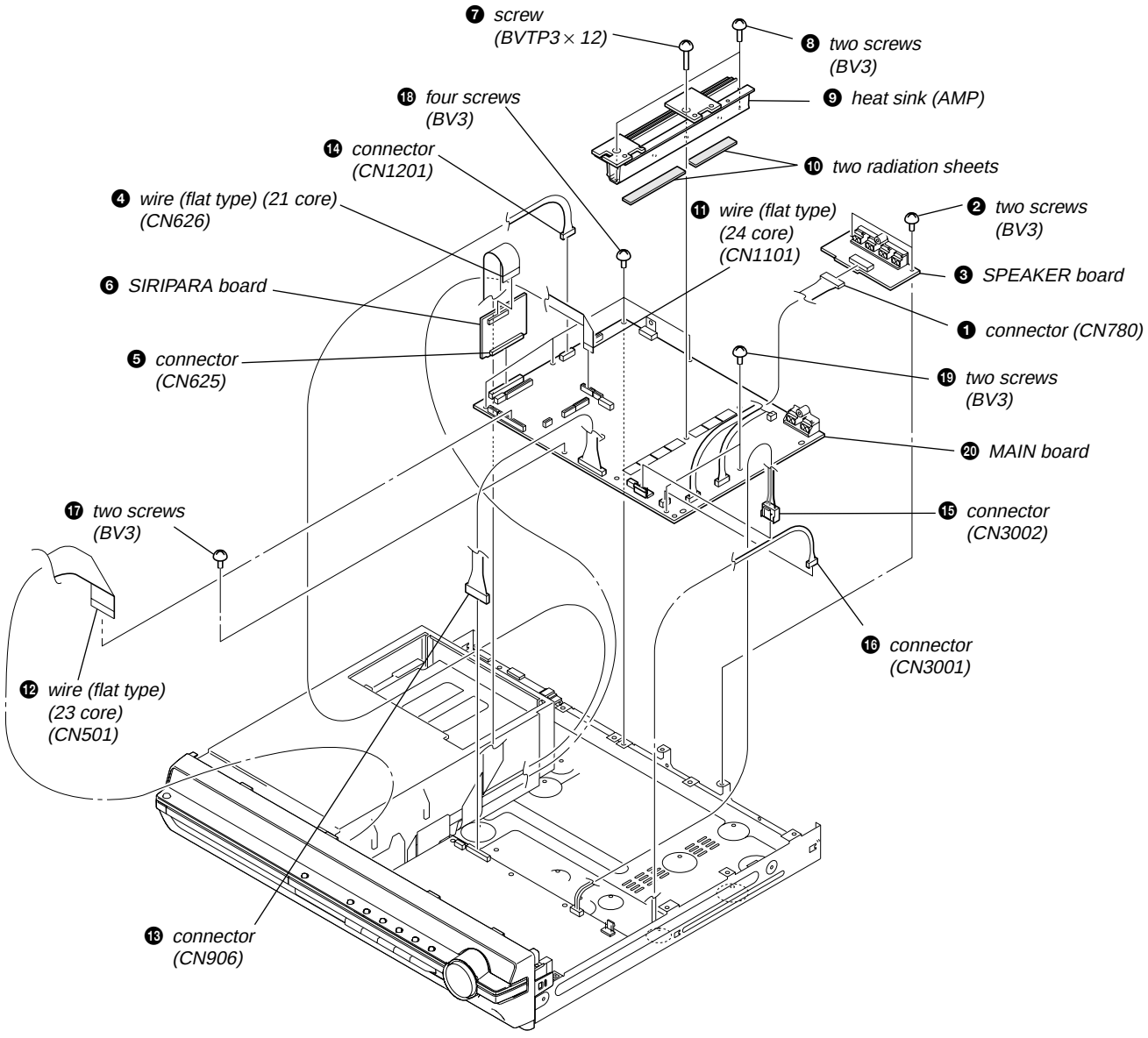
3-7. BACK PANEL BLOCK


❾ two screws (BV3)
❿ screw (BV3)
⓫ screw (B3 × 6)
❷ flexible flat cable (11 core) (CN4302)
⓬ screw (BV3)
❶ flexible flat cable (9 core) (CN201)
⓱ back panel block
❻ connector (CN903)
⓯
⓭ screw (BV3)
⓮ two screws (BV3)
❺ flexible flat cable (19 core) (CN606)
⓰ connector (CN302)
❹ flexible flat cable (5 core) (CN702)
❼ connector (CN3000)
❸ flexible flat cable (11 core) (CN651)
❽ connector (CN901)

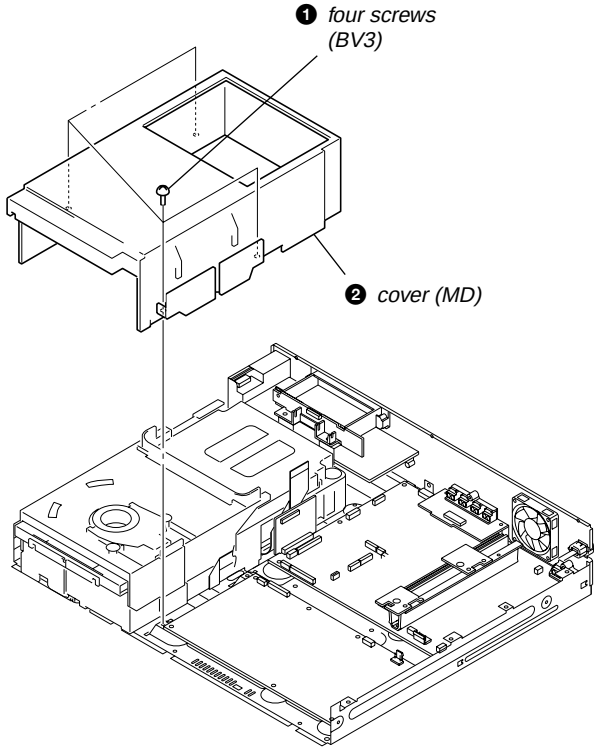
3-8. DMPORT BOARD



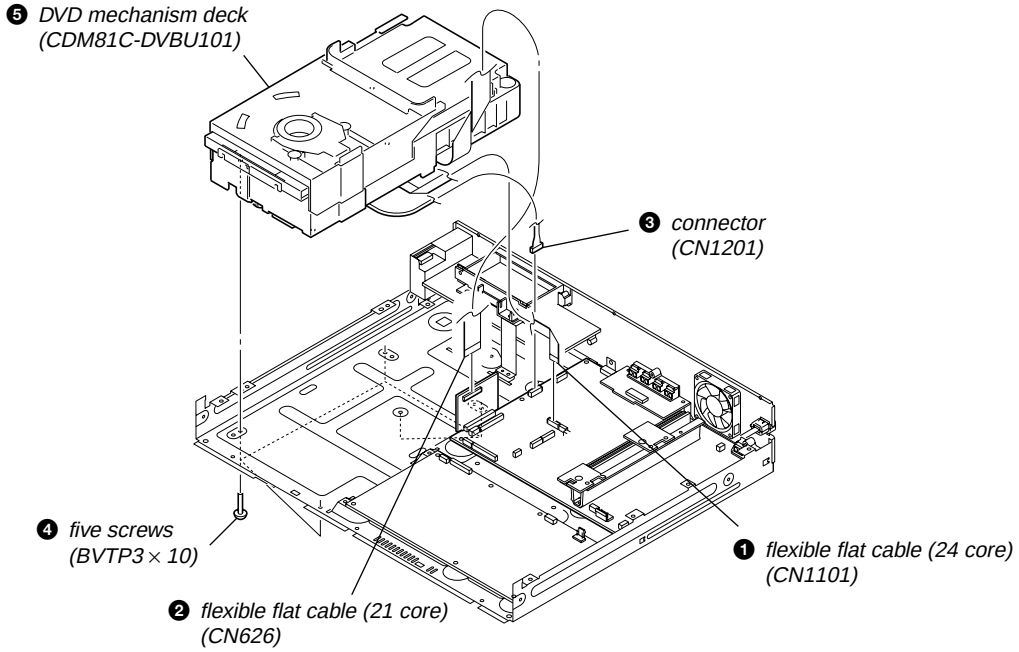
3-9. MAIN BOARD



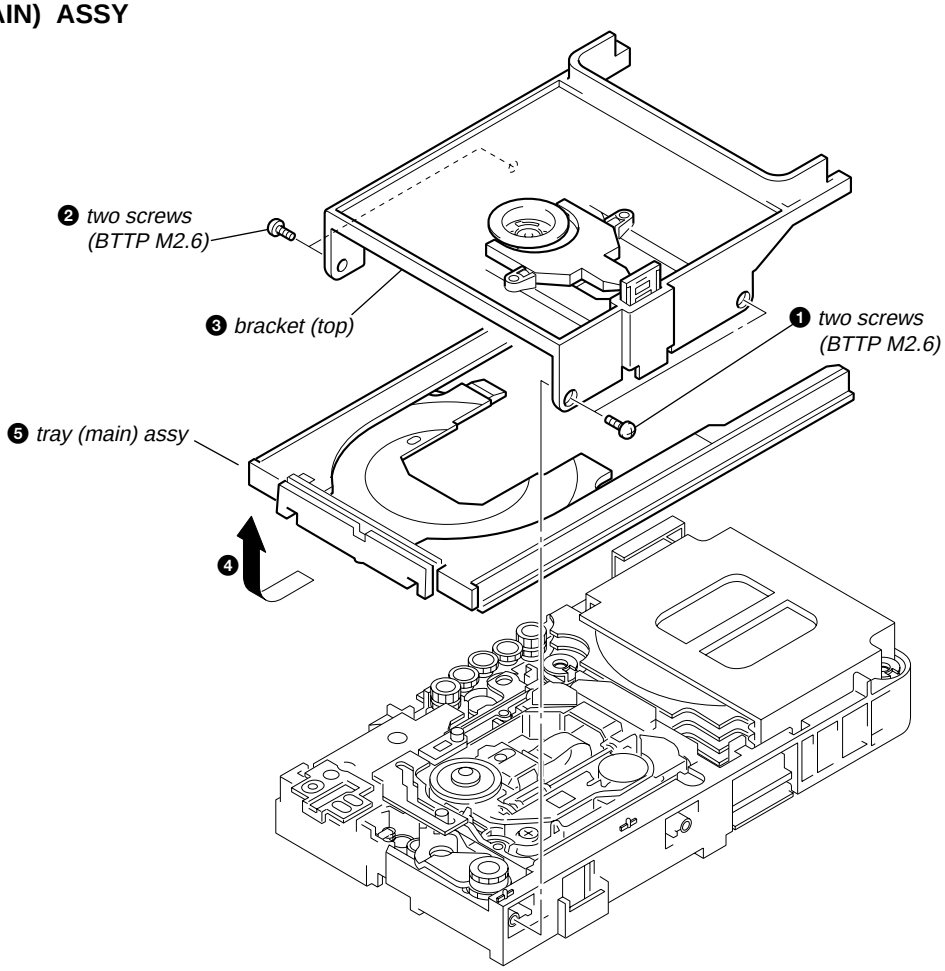
3-10. COVER (MD)



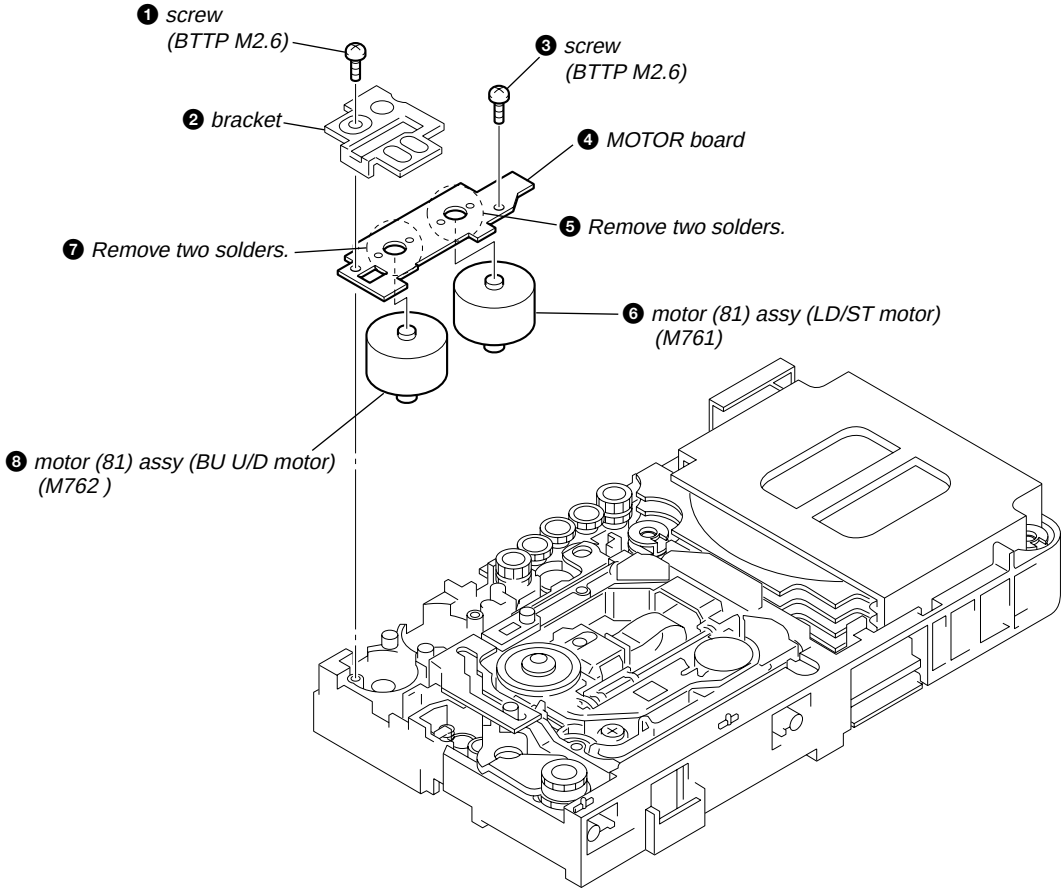
3-11. DVD MECHANISM DECK (CDM81C-DVBU101)



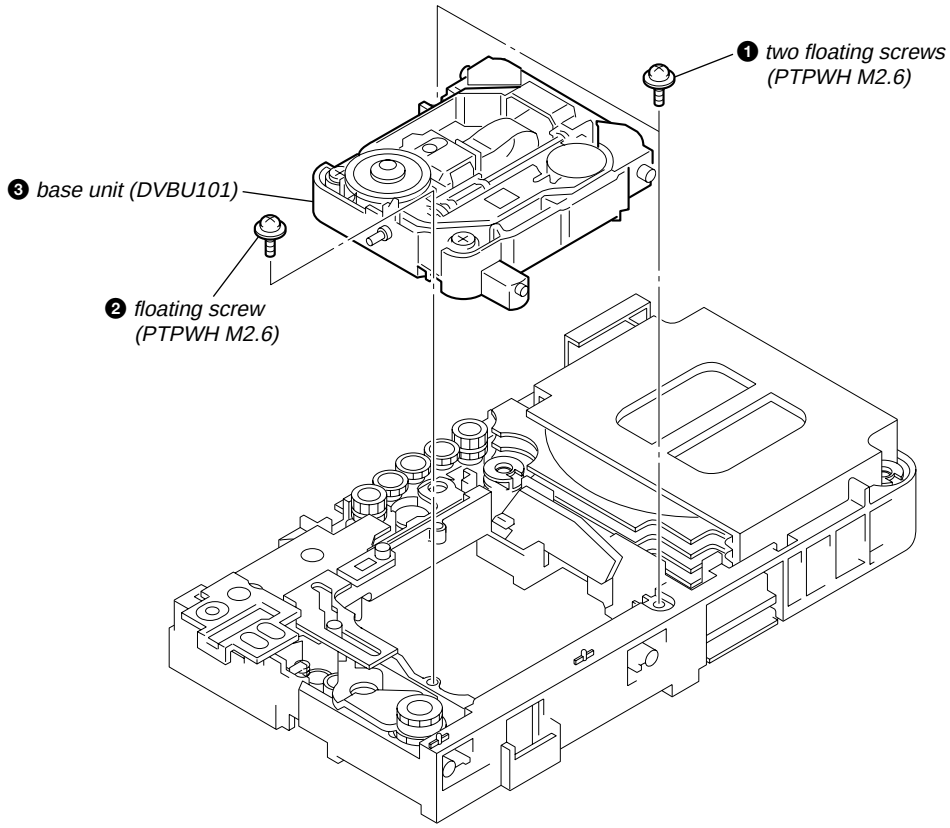
3-12. TRAY (MAIN) ASSY



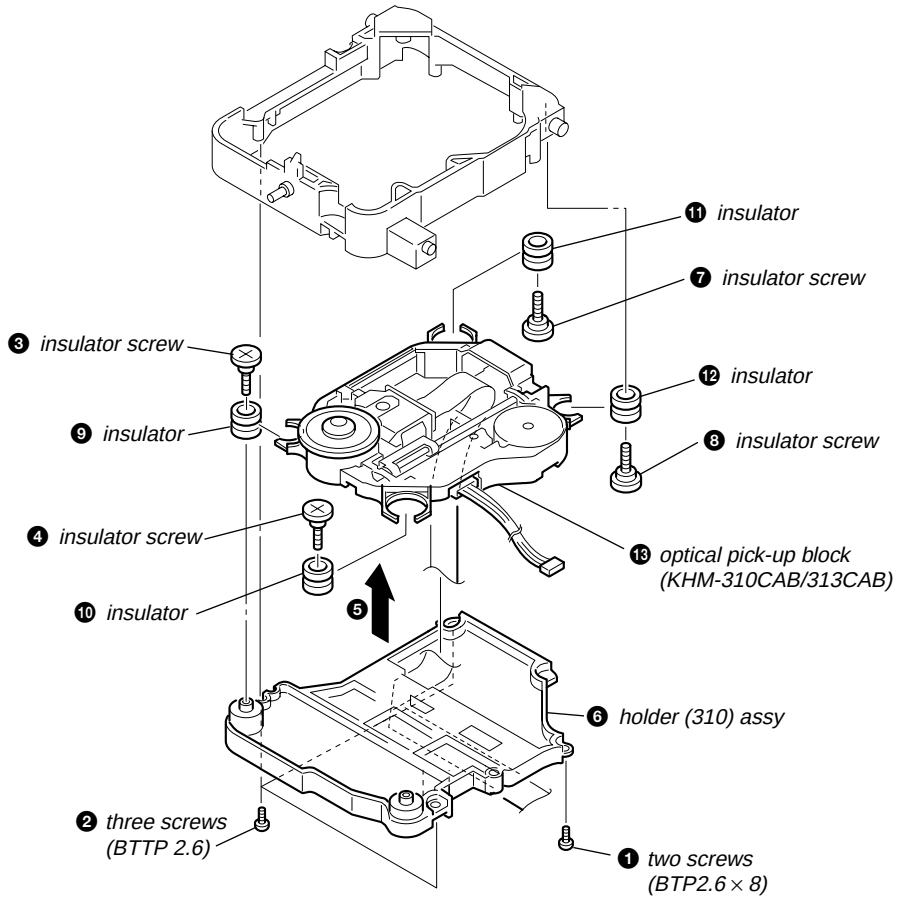
3-13. MOTOR BOARD



3-14. BASE UNIT (DVBU101)

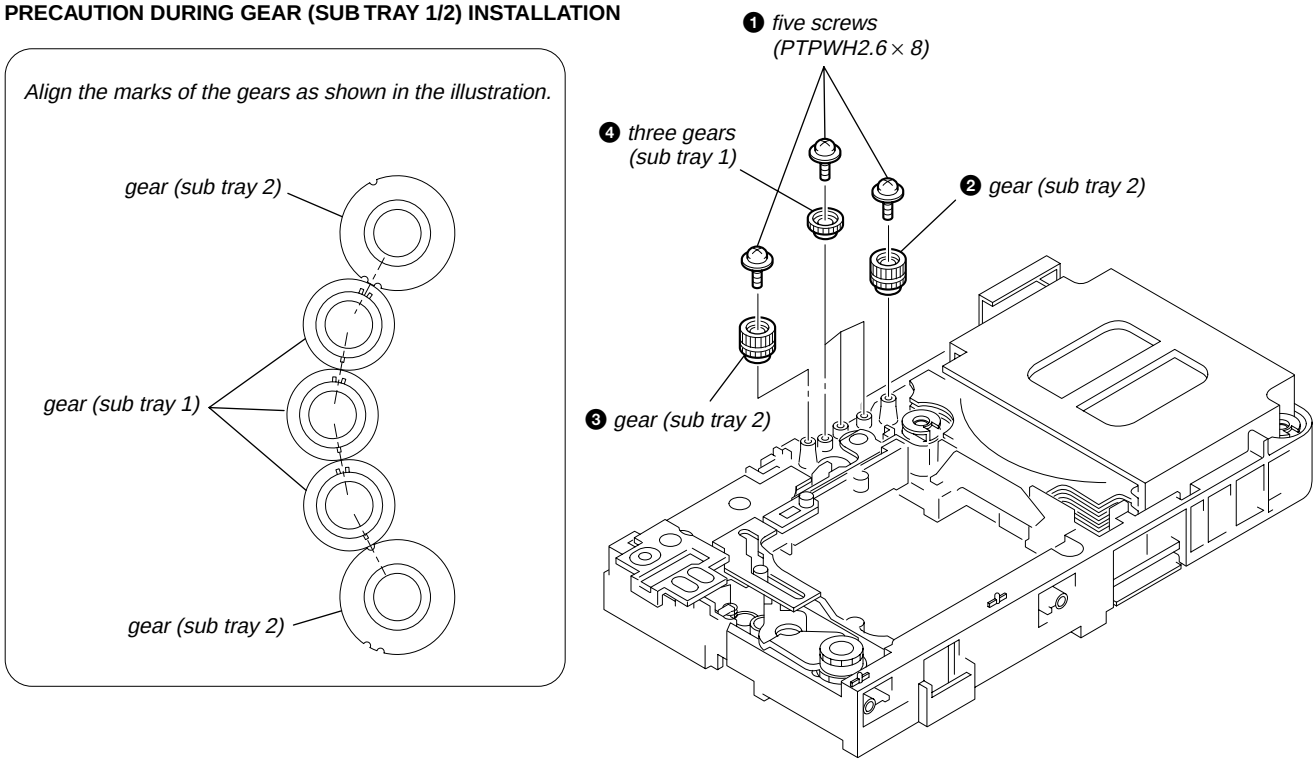


3-15. OPTICAL PICK-UP BLOCK (KHM-310CAB/313CAB)

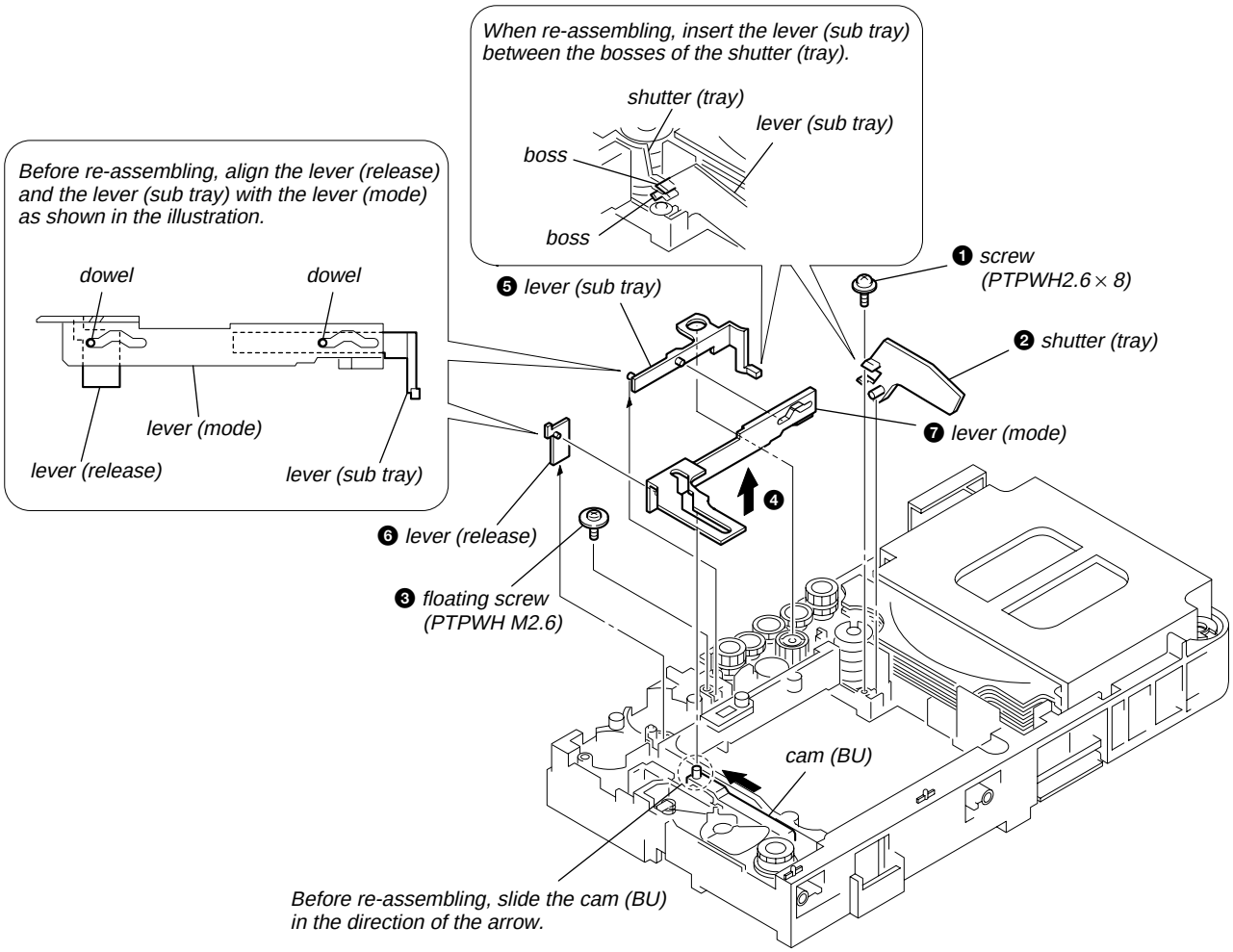


3-16. GEAR (SUB TRAY 1)/GEAR (SUB TRAY 2)

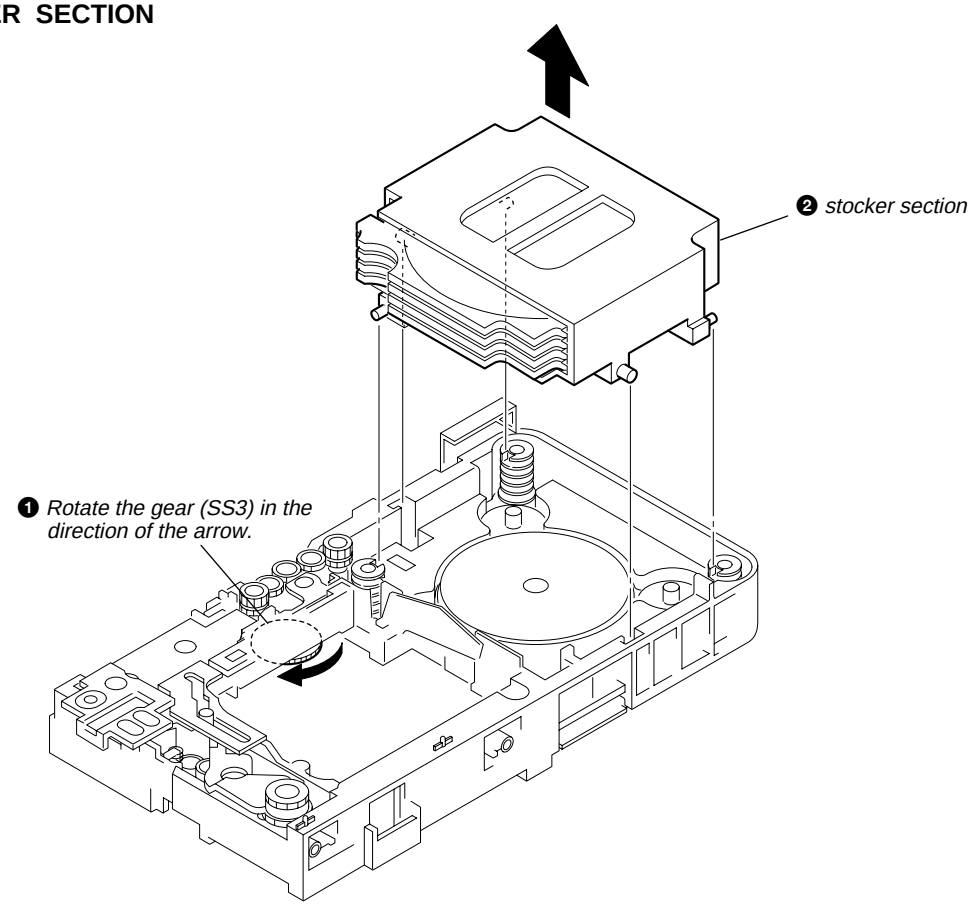
PRECAUTION DURING GEAR (SUB TRAY 1/2) INSTALLATION


Align the marks of the gears as shown in the illustration.
gear (sub tray 2)
gear (sub tray 1)
gear (sub tray 2)
❶ five screws (PTPWH2.6 × 8)
❹ three gears (sub tray 1)
❷ gear (sub tray 2)
❸ gear (sub tray 2)

3-17. LEVER ASSY


When re-assembling, insert the lever (sub tray) between the bosses of the shutter (tray).
shutter (tray)
lever (sub tray)
boss
boss
Before re-assembling, align the lever (release) and the lever (sub tray) with the lever (mode) as shown in the illustration.
dowel
dowel
lever (mode)
lever (release)
lever (sub tray)
❶ screw (PTPWH2.6 × 8)
❺ lever (sub tray)
❷ shutter (tray)
❼ lever (mode)
❹
❻ lever (release)
❸ floating screw (PTPWH M2.6)
cam (BU)
Before re-assembling, slide the cam (BU) in the direction of the arrow.

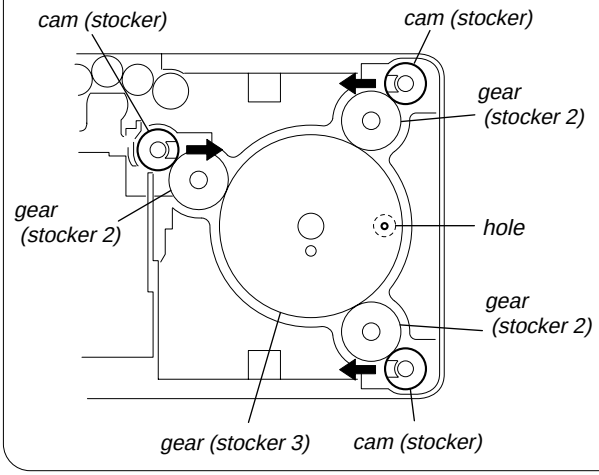
3-18. STOCKER SECTION

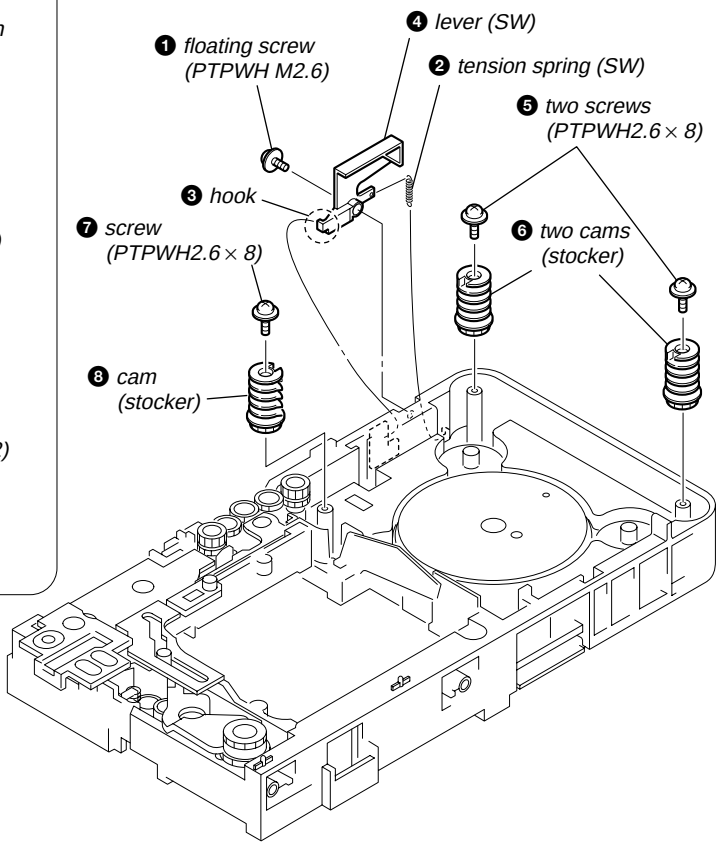


3-19. CAM (STOCKER)

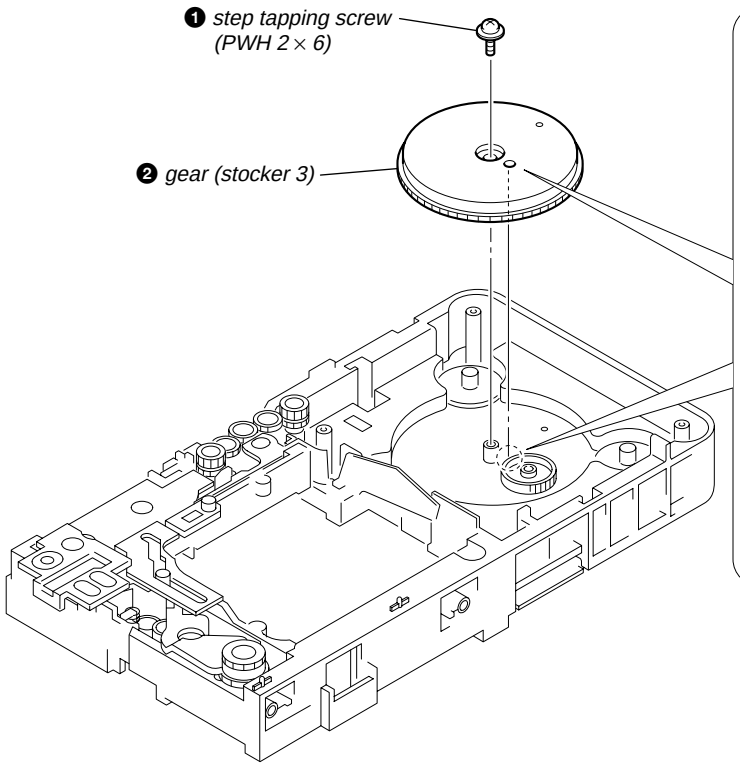
PRECAUTION DURING CAM (STOCKER) INSTALLATION

Before installing the cams (stocker), fix the gear (stocker 3) in the manner so that the hole of the gear (stocker 3) should be aligned with the hole of the chassis located beneath the gear (stocker 3). Be sure to install the cams (stocker) in such a way that the grooves of the cams (stocker) face the direction of the arrows.



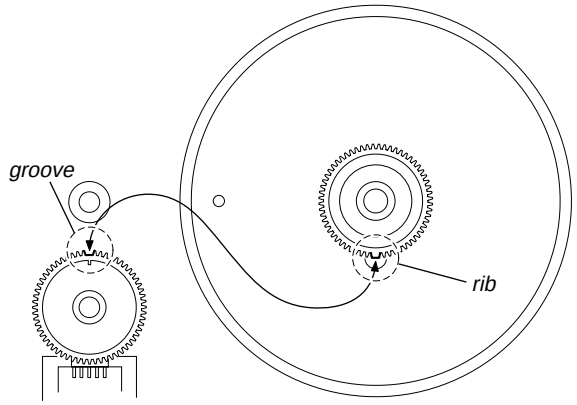

❶ floating screw (PTPWH M2.6)
❹ lever (SW)
❷ tension spring (SW)
❺ two screws (PTPWH2.6 × 8)
❸ hook
❼ screw (PTPWH2.6 × 8)
❻ two cams (stocker)
❽ cam (stocker)

3-20. GEAR (STOCKER 3)



PRECAUTION DURING GEAR (STOCKER 3) INSTALLATION

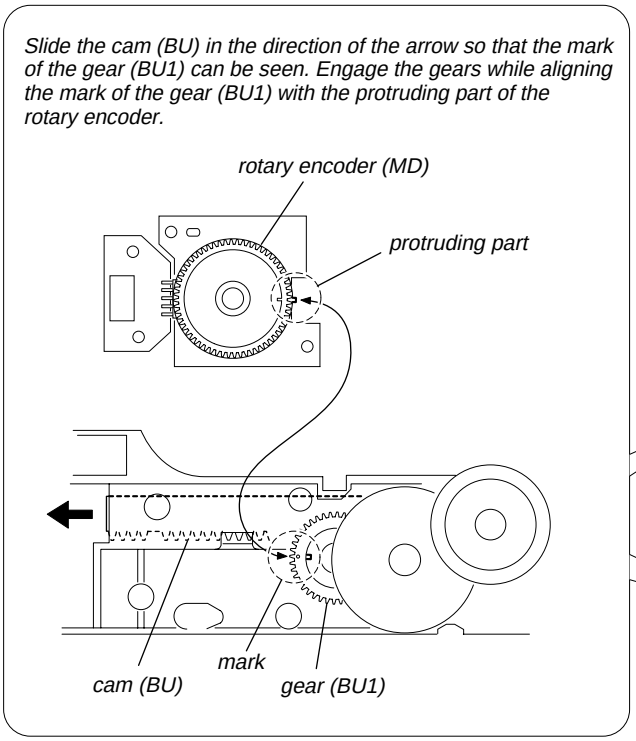
Be sure to align the rib of the gear (stocker 3) with the groove of the rotary encoder.

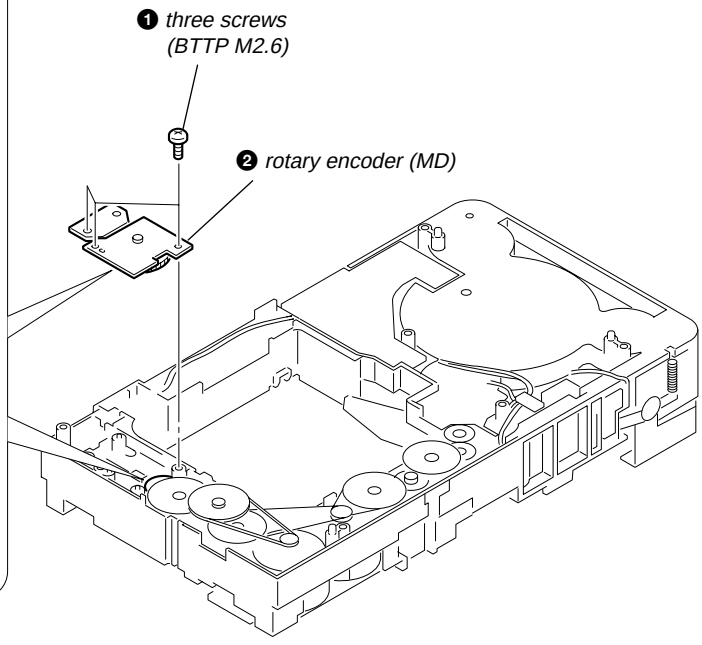


3-21. ROTARY ENCODER (MD)

PRECAUTION DURING ROTARY ENCODER (MD) INSTALLATION

Slide the cam (BU) in the direction of the arrow so that the mark of the gear (BU1) can be seen. Engage the gears while aligning the mark of the gear (BU1) with the protruding part of the rotary encoder.



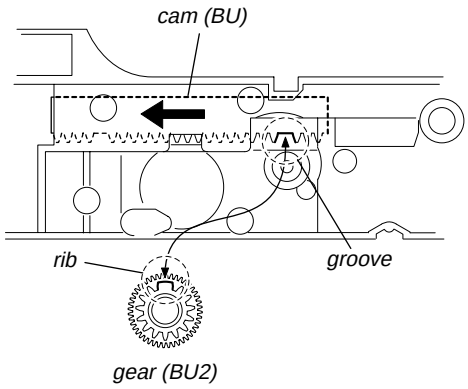


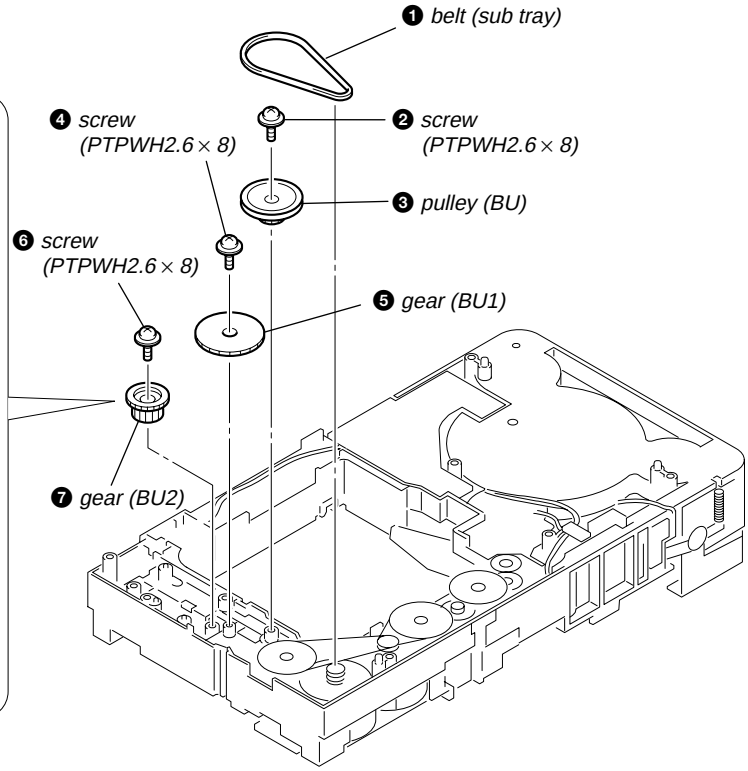
– CD mechanism deck bottom view –

3-22. GEAR (BU1)

PRECAUTION DURING GEAR (BU2) INSTALLATION

Before re-assembling, slide the cam (BU) in the direction of the arrow.
Assemble the gear (BU2) in such a manner that the groove of the cam (BU) is aligned with the rib of the gear (BU2).





– CD mechanism deck bottom view –

SECTION 4
TEST MODE

Note: Incorrect operations may be performed if the test mode is not entered properly. In this case, press the I/⏻ button to turn the power off, and retry to enter the test mode.

COLD RESET

The cold reset clears all data including preset data stored in the RAM to initial conditions. Execute this mode when returning the set to the customers.

Procedure:

1. Press the I/⏻ button to turn the power on.
2. Press three buttons ■, ⏏ and I/⏻ simultaneously.
3. When this button is operated, display as "COLD RESET" for a while and all of the settings are reset.

PANEL TEST MODE

This mode is used to check the software version, FL, LED and KEY.

2-1. Display Test Mode

Procedure:

1. Press the I/⏻ button to turn the power on.
2. Press three buttons ❚❚, ⏮ and ⏏ simultaneously.
3. When the display test mode is activated, all segments are turned on.
4. To exit from this mode, press three buttons ❚❚, ⏮ and ⏏ simultaneously.

2-2. Version Test Mode

Procedure:

1. When the display test mode is activated, press the ⏮ button and "DC2" (HDX265)/"DC2–" (HDX266)/"DC2W" (HDX267W)/"DC4+" (HDX465/HDX466)/"DC7" (HDX665) is displayed, the version test mode is activated.
2. Whenever the ⏮ button is pressed, the display changes in order of "DC2" (model name) → "NA" (destination) → MC → SYS → UI → DVD → CDMA → CDMB → ST → TA → DSP → TM → CLA → CEC → "DC2" (model name).

Note: Model name/destination is different according to model.

3. Press the ⏭ button and the date of the software production is displayed.
4. Press the ⏭ button again and the version is displayed.
5. To exit from this mode, press three buttons ❚❚, ⏮ and ⏏ simultaneously.

2-3. Key Test Mode

Procedure:

1. When the display test mode is activated, press the ▷ button, to select the key test mode.
2. To enter the KEY test mode, the fluorescent indicator displays "K0 V0". Each time an another button is pressed, "KEY" value increases. However, once a button is pressed, it is no longer taken into account. When all keys are pressed correctly, "K13 V0" is displayed.
3. When the VOLUME dial is turned in the direction of (+), "V0" is changed to "V1", then ... "V9".
   When the VOLUME dial is turned in the direction of (–), "V0" is changed to "V9", then ... "V1".
4. To exit from this mode, press three buttons ❚❚, ⏮ and ⏏ simultaneously.

DISC TRAY LOCK

The disc tray lock function for the antitheft of an demonstration disc in the store is equipped.

Setting Procedure :

1. Press the I/⏻ button to turn the set on.
2. Press the FUNCTION button to set DVD function.
3. Insert a disc.
4. Press the ■ button and the ⏏ button simultaneously for five seconds.
5. The message "LOCKED" is displayed and the tray is locked.

Releasing Procedure :

1. Press the ■ button and the ⏏ button simultaneously for five seconds again.
2. The message "UNLOCKED" is displayed and the tray is unlocked.

Note: When "LOCKED" is displayed, the tray lock is not released by turning power on/off with the I/⏻ button.

DVD SHIP MODE

Use this mode when returning the set to the customer after repair.

Procedure:

1. Press the I/⏻ button to turn the set on.
2. Press the FUNCTION button to set the function "DVD".
3. Remove all discs, and then press two buttons ▷ and I/⏻ simultaneously.
4. After a message "MECHA LOCK" is displayed on the fluorescent indicator tube, pull out the AC plug.
5. To exit from this mode, press the I/⏻ button to turn the set on.

AM STEP CHANGE

A step of AM channels can be changed over between 9 kHz and 10 kHz.

Procedure:

1. Press the I/⏻ button to turn the set ON.
2. Press the FUNCTION button to set the function "TUNER AM".
3. Press the I/⏻ button to turn the set OFF.
4. Press two buttons ⏭ and I/⏻ simultaneously, and the display of fluorescent indicator tube changes to "AM 9k STEP" or "AM 10k STEP", and thus the channel step is changed over.

PRODUCT OUT

This mode moves the optical pick-up to the position durable to vibration and clears all data including preset data stored in the RAM to initial conditions. Use this mode when returning the set to the customer after repair.

Procedure:

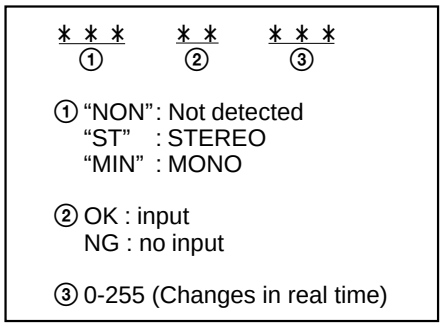
1. Press the I/⏻ button to turn the power on.
2. Press the FUNCTION button to set the function "DVD".
3. Remove all discs, and then press three buttons ⏭, ⏏ and I/⏻ simultaneously.
4. After the "STANDBY" blinking display finishes, the message "MECHA LOCK" is displayed on the fluorescent indicator tube disconnect the AC power plug, then the ship mode is set.

AUTOMATIC ACOUSTIC FIELD CALIBRATION MICROPHONE TEST MODE

Procedure:

1. Press the I/⏻ button to turn the power on.
2. Press the FUNCTION button to set the function other than "DVD".
3. Insert ECM-AC2 supplied as an accessory into the AUDIO IN/A.CAL MIC jack.
4. While pressing the ❚❚ and ⏏ buttons simultaneously, turn the VOLUME dial in the direction of (+).

5. Confirm that the following are shown on the display panel.
   ① The JACK inserted/non-inserted detection display and the STEREO/MONO detection display.
   ② Presence of DIGITAL voice input to the microcomputer. (OK: input, NG: no input)
   ③ The value of the MIC input to the microcomputer. (shown "255h")



DEMO PLAY OUT

It is a mode to release the demonstration reproduct by the dedicated demonstration disc.

Procedure:

1. During playback the DEMO disc, press the ■ and ▷ buttons for five seconds simultaneously.
2. The message "DEMO OFF" is displayed, a mode to reproduct the demonstration is released.

VOLUME TEST MODE

Procedure:

1. Press the I/⏻ button to turn the power on.
2. Press three buttons ⏮, ▷ and ⏭ simultaneously.
3. The message "VOLUME MAX" is displayed, when the VOLUME dial is turned in the dirction of (+). The message "VOLUME MIN" is displayed, when the VOLUME dial is turned in the dirction of (–).
4. To exit from this mode, press the I/⏻ button to turn the set off.

DVD COLOR SYSTEM SWITCHING (HDX265: E, Australian models only)

This mode let you change the color system of the video output from PAL to NTSC or vice-versa.

Procedure:

1. Press the I/⏻ button to turn the power on.
2. Press the FUNCTION button to select the "DVD".
3. Press the I/⏻ button to turn the power off.
4. Press two buttons of ⏸ and I/⏻ simultaneously, and the set will power on automatically.
5. DVD color system is switched.

PROTECTION FACTOR (SD DETECTION/DC DETECTION) IDENTIFICATION TEST MODE

When an error is detected, the florescent indicator tube alternately displays "PROTECTOR" ⇔ "PUSH POWER".

↓ Press the I/⏻ button.
* Buttons other than the I/⏻ button are invalid.

"STANDBY" blinks three times on the florescent indicator tube.

↓

The protection release state (POWER OFF) is established.
(No florescent indicator tube display)

↓ Press the I/⏻ button.

The power to the system turns on, and the normal operation is established. (Restore)

During the protection state:

1. If the AC plug is connected or disconnected during the protection state, the protection state is released, and the normal operation is established. (The protection state is not maintained.)
2. The protection factor is displayed by pressing the FUNCTION, ⏏ and ⏭ buttons at the same time during the protection state. (during the "PROTECTOR" ⇔ "PUSH POWER" display)
   When SD is detected: Repeats
   "SD DETECT" ⇔ "PUSH POWER".
   When DC is detected: Repeats
   "DC DETECT" ⇔ "PUSH POWER".

SD detection:

When the "L" output from the SD (shutdown) port on the S-MASTER POWER Driver is detected, the power system other than that of the florescent indicator tube is turned off, and the protection state is established.

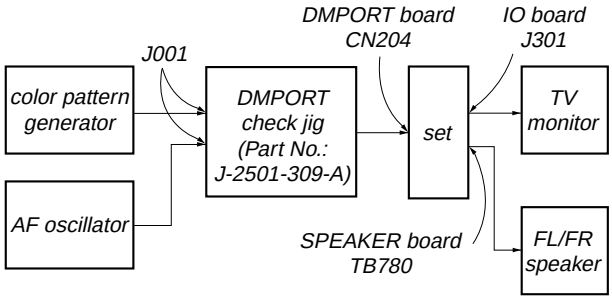
DC detection:

When the "L" output from the power/speaker error detection circuit (DC detection port) is detected for two seconds continually, the power system other than that of the florescent indicator tube is turned off, and the protection state is established.

DIGITAL MEDIA PORT TEST

Procedure:

1. Connect the DMPORT CHECK JIG (Part No.: J-2501-309-A) with the terminal DMPORT.
2. Press the I/⏻ button to turn the power on.
3. Confirm that both LEDs of the DMPORT confirmation JIG lights. (Confirmation the power supply line.)
4. Set the FUNCTION button with "DMPORT" on this model.
5. Press the ⏸, ⏮ buttons and turn the VOLUME dial in the direction of (+) simultaneously, the DMPORT test mode is activated.
6. It is confirmed that "DMPORT OK" is displayed on this set display. (Confirmation of communication line)
7. To a pinjack of the DMPORT confirmation JIG input information relevant to audio signal (sine-wave 1.0Vrms) and composite video signal (white 100% 1.0Vp-p, color bar, etc.)
8. Confirm the output of speakers and monitor TV. (Confirmation of analog signal)
9. To exit from this mode, press the ⏸, ⏮ buttons and turn the VOLUME dial in the direction of (+).



DVD SECTION

1. DVD SERVICE MODE GENERAL DESCRIPTION

This mode let you make diagnosis and adjustment easily by using the remote commander and the TV screen. The instructions, diagnostic results, etc. are given on the on-screen display.
Be sure to execute the IOP measurement when a base unit is replaced.

2. ENTERING DVD SERVICE MODE

Procedure:

1. Press the [I/⏻] button to turn on the system.
2. Press the [FUNCTION] button repeatedly to select the "DVD".
3. While pressing the [■] and [⏏] buttons simultaneously, turn [VOLUME] dial in the direction of (+) with the DVD player in power on .
4. The message "SERVICE IN" appears on the fluorescent indicator tube and top menu of the Remocon Diagnosis Menu appears on the on-screen display on the TV screen as follows. The model name, IF-con version and Syscon version are displayed at the bottom of the on-screen display.

```
        Remocon Diagnosis Menu

0. External Chip Check
1. Servo Parameter Check
2. Drive Manual Operation
3. Emergency History
4. Version Information



Model Name :xxxx_xx
IF-con:Ver.xx.xx(xxxx)
Syscon:Ver.x.xxx
```

5. To execute each function, press its number by using numeric button on the remote commander.
6. To release from this mode, press the [I/⏻] button to turn off the system.

3. EXECUTING IOP MEASUREMENT

In order to execute IOP measurement, the following standard procedures must be followed.

Procedure:

1. From the top menu of Remocon Diagnosis Menu, select "2 Drive Manual Operation" by pressing the [2] button on the remote commander. The following screen appears on the on-screen display

```
        Drive Manual Operation

1. Servo Control
2. Track/Layer Jump
3. Manual Adjustment
4. Mecha test mode
5. MIRR time Adjust
0. Return to Top Menu
```

2. Select "3. Manual Adjustment" by pressing the [3] button on the remote commander. The following screen appears on the on-screen display.

```
              Manual Adjust
1. Track Balance Adjust:
2. Track Gain Adjust:
3. Focus Balance Adjust:
4. Focus Gain Adjust:
5. Eq boost Adjust:
6. Iop:
7. TRV. Level:
8. S curve(FE) Level:
9. RFL(PI) Level:
0. MIRR Time:
[↑][↓]  Change Value
[RETURN]Return to previous menu
```

3. Select "6. Iop:" by pressing [6] button on the remote commander.
4. Wait until a hexadecimal number appear in the on-screen display as below.

```
              Manual Adjust
1. Track Balance Adjust:
2. Track Gain Adjust:
3. Focus Balance Adjust:
4. Focus Gain Adjust:
5. Eq boost Adjust:
6. Iop: ED:
7. TRV. Level:
8. S curve(FE) Level:
9. RFL(PI) Level:
0. MIRR Time:
[↑][↓]  Change Value
[RETURN]Return to previous menu
```

5. Convert data from hexadecimal to decimal by using conversion table.
6. If the value is smaller than 93 (decimal), then it is OK. However if the value is higher than 93, then BU (base unit) is defective and need to be change.
7. Press the [↩ RETURN] button on the remote commander to return to previous menu.
8. Press the [0] button on the remote commander to return to the top menu of Remocon Diagnosis Menu.
9. Press the [I/⏻] button to turn off the system.

4. CHECKING EMERGENCY HISTORY

To check the emergency history, please follow the following procedure.

Procedure:

1. From the top menu of Remocon Diagnosis Menu, select "3. Emergency History" by pressing the [3] button on the remote commander. The following screen appears on the on-screen display.

```
          Emg. History Check
Laser Hours      CD    999h  59min
                 DVD   999h  59min

01. 01 05 04 04       00 92 46 00
    00 00 00 00       00 00 23 45

02. 02 02 01 01       00 A9 4B 00
    00 00 00 00       00 00 23 45


[Next]Next page [Prev]Prev page
[0]Return to Top Menu
```

2. You can check the total time when the laser is turned on during playback of DVD and CD from the above menu. The maximum time, which can be displayed are 999h 59min.
3. You can check the error code of latest 10 emergency history from the above menu. To view the previous or next page of emergency history, press the [⏮] or [⏭] button on the remote commander. The error code consists of three kinds of error codes.

A. Error code

```
        Example of Error code

01. [01] 05 04 04       00 92 46 00
    00 00 00 00         00 00 23 45
```

The meaning of error code is as below:

01: Communication error (No reply from syscon)
02: Syscon hung up
03: Power OFF request when syscon hung up
19: Thermal shutdown
24: MoveSledHome error
25: Mechanical move error (5 changer)
26: Mechanical move stack error
30: DC motor adjustment error
31: DPD offset adjustment error
32: TE balance adjustment error
33. TE sensor adjustment error
34. TE loop gain adjustment error
35. FE loop gain adjustment error
36. Bad jitter after adjustment
40. Focus NG
42. Focus layer jump NG
51: Spindle stop error
52. Open kick spindle error
60: Focus on error
61: Seek fail error
62: Read Q data/ID error
70: Lead in data read fail
71: TOC read time out (CD)
80: Can't buffering
81: Unknown media type

B. Parameter of error code

This is the detail of error code.

```
        Example of Error code

01. 01 [05 04 04       00 92 46 00]
    [00 00 00 00       00 00] 23 45
```

C. Time of error code

This is the laser time when an error occurred.

```
        Example of Error code

01. 01 05 04 04       00 92 46 00
    00 00 00 00       00 00 [23 45]
```

To Clear the Laser Hour

Press the [DISPLAY] button on the remote commander and then press the [CLEAR] button on the remote commander. The data for both CD and DVD data are reset.

```
          Emg. History Check
Laser Hours     CD      0h   0min
                DVD     0h   0min

01. 01 05 04 04       00 92 46 00
    00 00 00 00       00 00 23 45

02. 02 02 01 01       00 A9 4B 00
    00 00 00 00       00 00 23 45


[Next]Next page [Prev]Prev page
[0]Return to Top Menu
```

To Clear the Emergency History

Press the [DVD TOP MENU] button on the remote commander and then press the [CLEAR] button on the remote commander. The error code for all emergency history would be reset.

```
          Emg. History Check
Laser Hours     CD    999h  59min
                DVD   999h  59min

01. 00 00 00 00       00 00 00 00
    00 00 00 00       00 00 00 00

02. 00 00 00 00       00 00 00 00
    00 00 00 00       00 00 00 00


[Next]Next page [Prev]Prev page
[0]Return to Top Menu
```

To Execute the Initialize Setup Data

Procedure:

1. Press the [DVD MENU] button on the remote commander and then press the [CLEAR] button on the remote commander. The following screen appears on the on-screen display.

```
          Emg. History Check
Laser Hours     CD    999h  59min
                DVD   999h  59min

Initialize setup data...









[Next]Next page [Prev]Prev page
[0]Return to Top Menu
```

2. The screen after a while returns to former display.

To Return to the Top Menu of Remocon Diagnosis Menu

Press the [0] button on the remote commander.

5. CHECKING VERSION INFORMATION

To check the version information, please follow the following procedure.

Procedure:

1. From the top menu of Remocon Diagnosis Menu, select "4. Version Information" by pressing the [4] button on the remote commander. The following screen appears on the on-screen display.

```
         Version information

Firm(Main): Ver. X.XXXX
Firm(Sub): XX.XX
RISC: XXXXXX
8032: XXXXXX
Audio DSP: XX.XX.XX.XX
Servo DSP: XX.XX.XX.XX



[0]Return to Top Menu
```

2. To return to the top menu of Remocon Diagnosis Menu, press the [0] on the remote commander.

HCD-HDX265/HDX266/HDX267W/HDX465/HDX466/HDX665
SECTION 5
ELECTRICAL ADJUSTMENTS

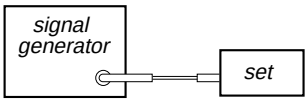
DVD SECTION

When the base unit is replaced, perform the adjustment and the measurement as shown below in this order.

EXECUTING IOP MEASUREMENT (See page 25)

TUNER SECTION

FM TUNE LEVEL CHECK



Procedure:

1. Turn on the set.
2. Input the following signal from signal generator to FM antenna input directly.

   Carrier frequency: A = 87.5 MHz, B = 98 MHz, C = 108 MHz

   Deviation : 75 kHz
   Modulation : 1 kHz
   ANT input : 35 dBu (EMF)

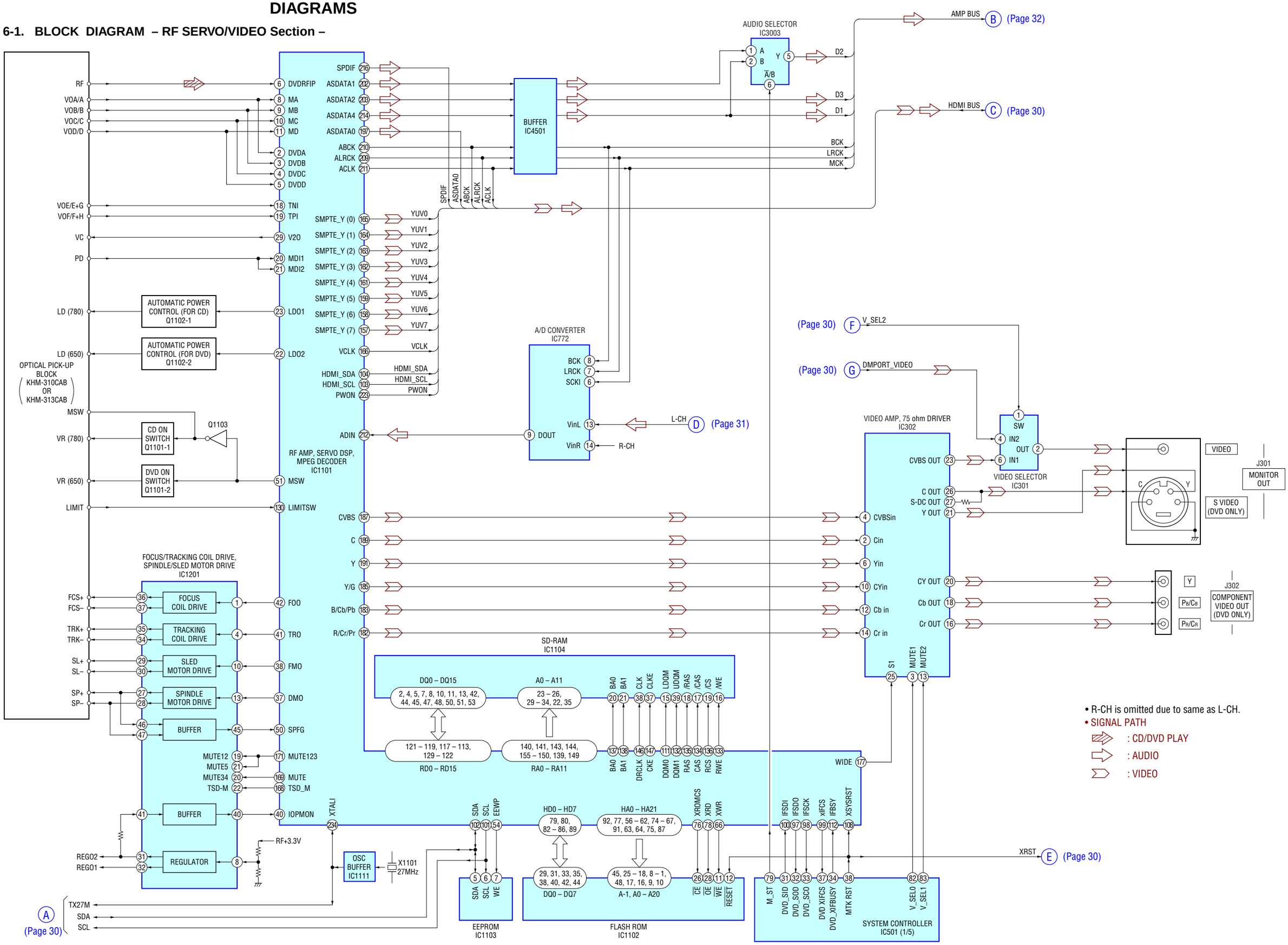
Note: Use 75 ohm coaxial cable to connect signal generator and the set.
You cannot use video cable for checking.
Use signal generator whose output impedance is 75 ohm.

3. Set to FM tuner function and tune A, B and C signals.
4. Confirm “TUNED” is lit on the display for A, B and C signals.

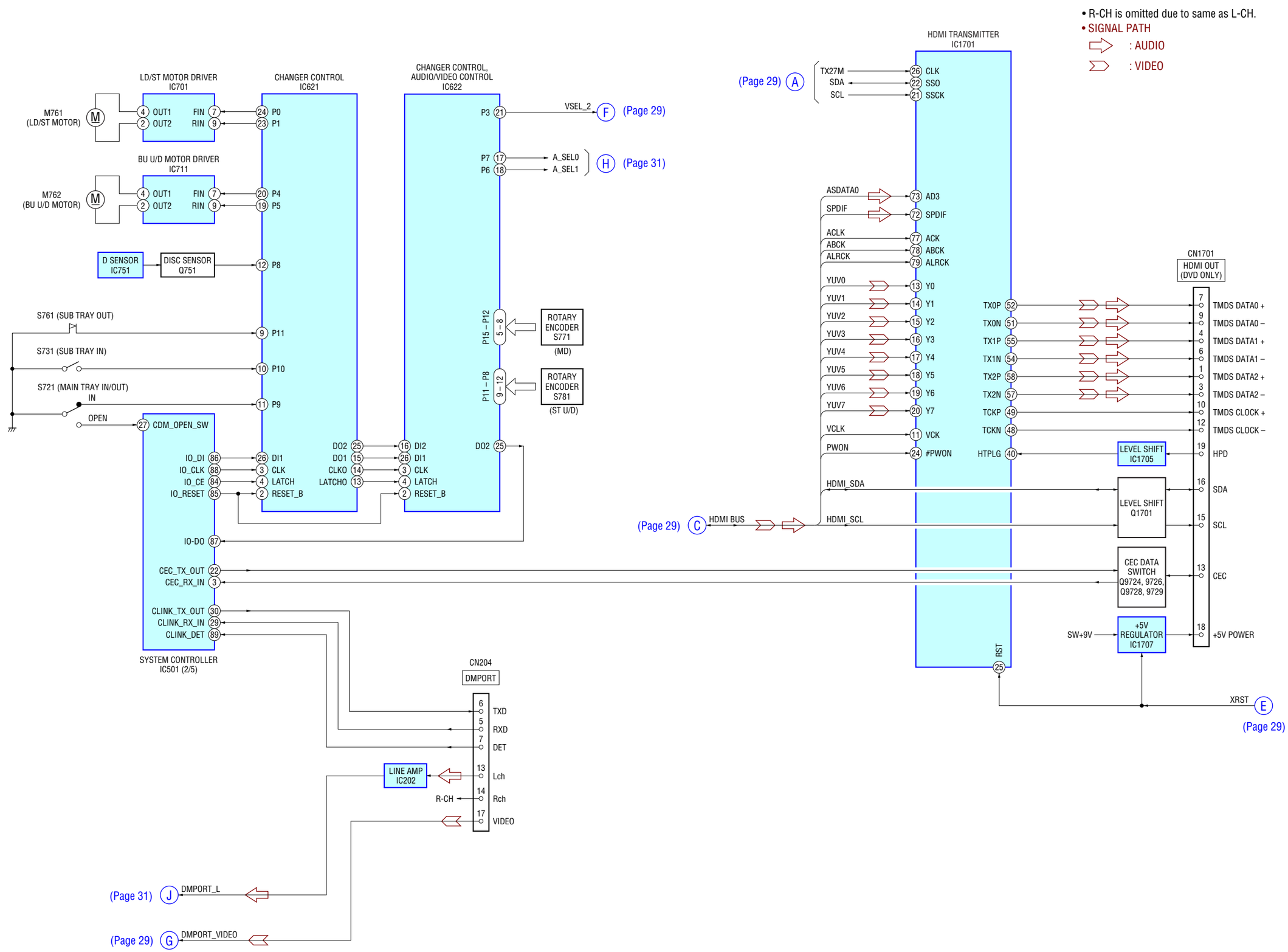
When the selected station signal is received in good condition, “TUNED” is displayed.

SECTION 6
DIAGRAMS

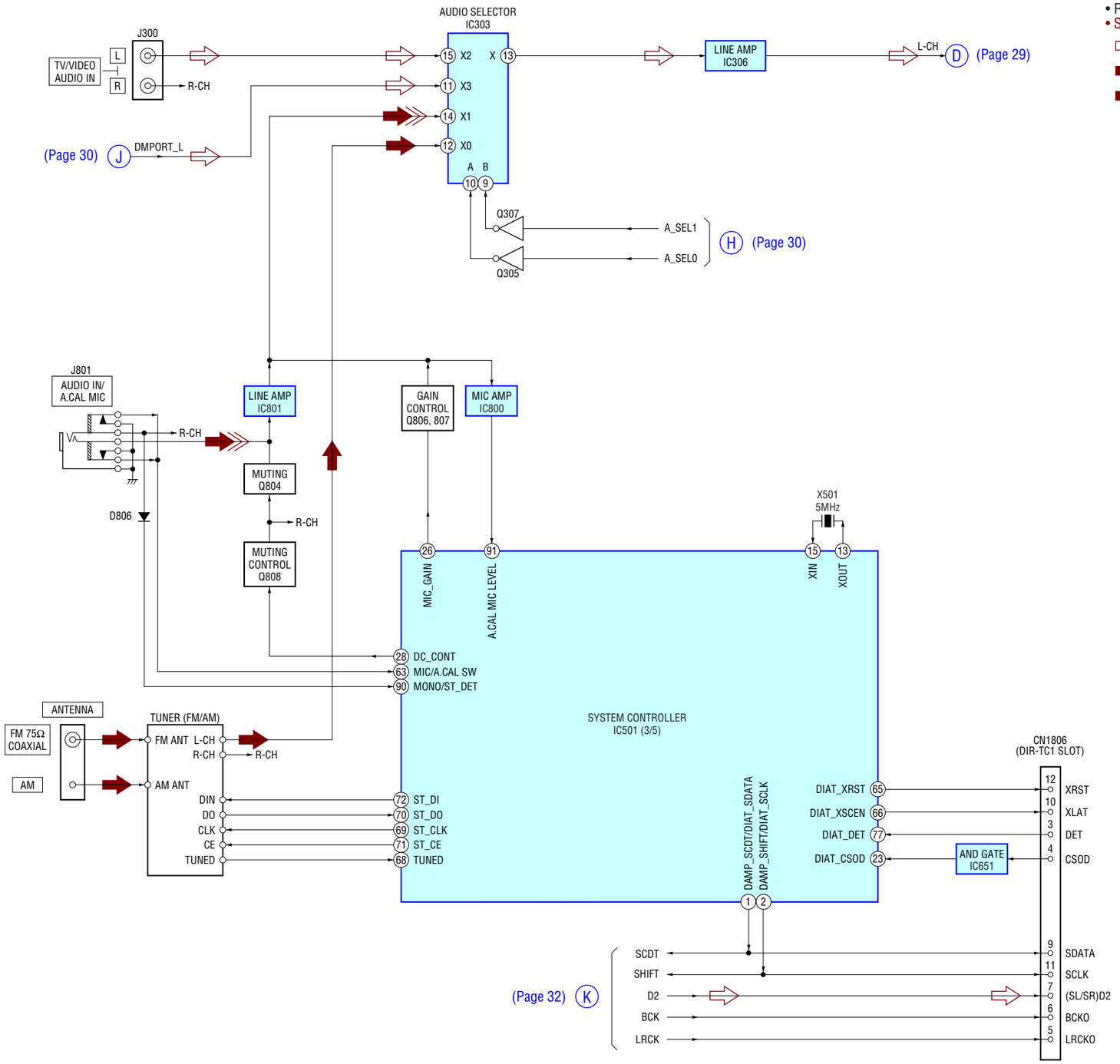
6-1. BLOCK DIAGRAM – RF SERVO/VIDEO Section –



6-2. BLOCK DIAGRAM – CHANGER/HDMI/DMPORT Section –

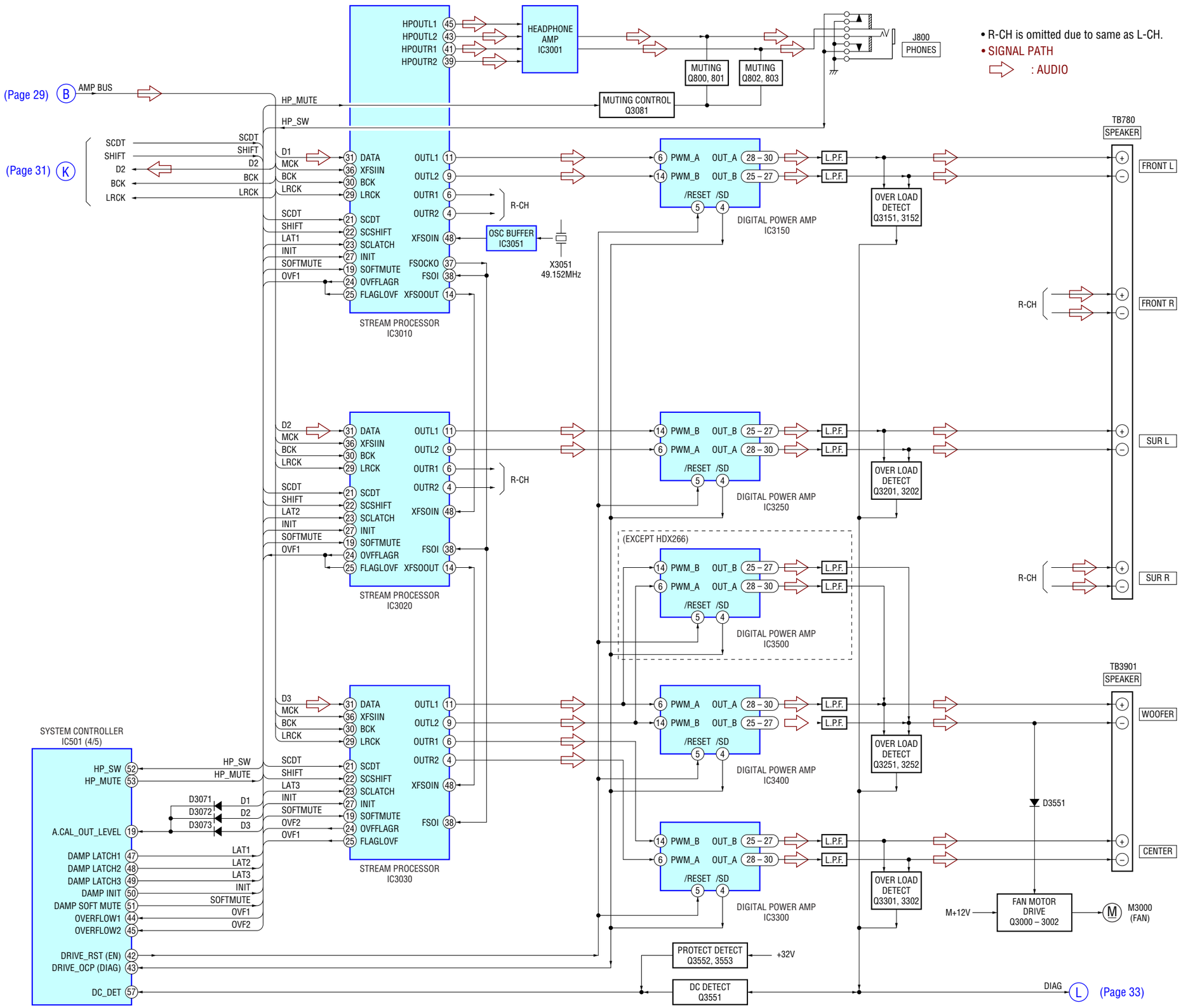


6-3. BLOCK DIAGRAM – AUDIO Section –

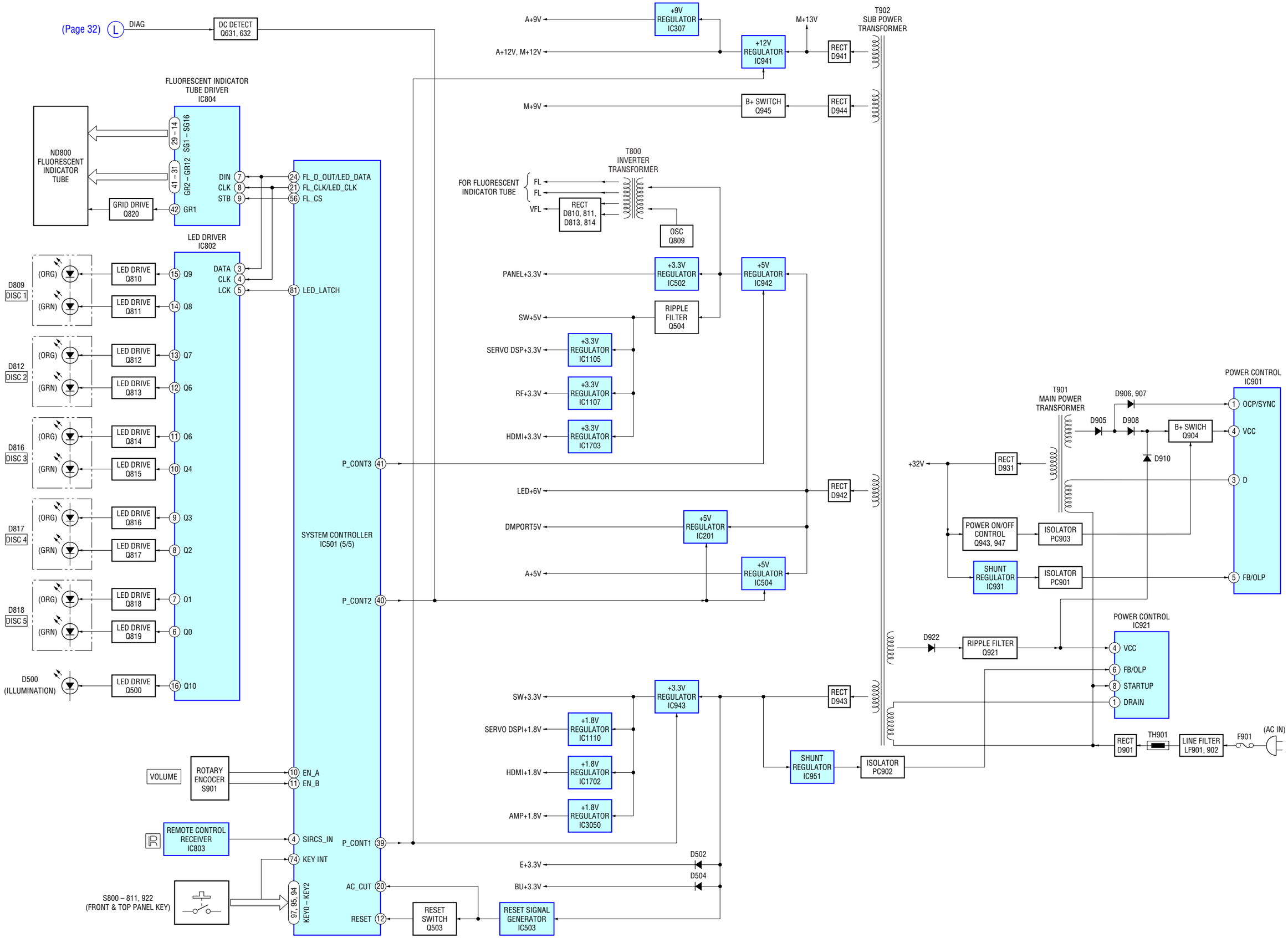


• R-ch is omitted due to same as L-ch.
• SIGNAL PATH
: AUDIO
: TUNER
: AUDIO IN

6-4. BLOCK DIAGRAM – AMP Section –



6-5. BLOCK DIAGRAM – PANEL/POWER SUPPLY Section –



• Note for Printed Wiring Boards and Schematic Diagrams

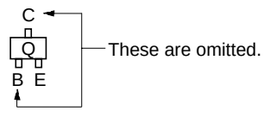
Note on Printed Wiring Board:

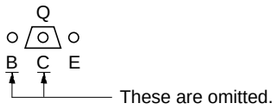
- ○——— : parts extracted from the component side.
- ——— : parts extracted from the conductor side.
- △ : internal component.
- ▬ : Pattern from the side which enables seeing.

(The other layers' patterns are not indicated.)

Caution:	
Pattern face side: (Conductor Side)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Component Side)	Parts on the parts face side seen from the parts face are indicated.

- MAIN and DSP boards are multi-layer printed board. However, the patterns of intermediate-layer have not been included in diagram.
- Indication of transistor





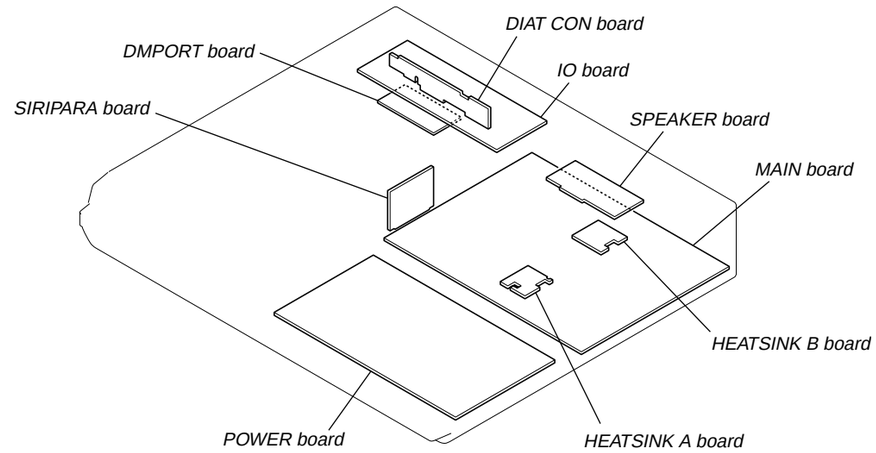
Note on Schematic Diagram:

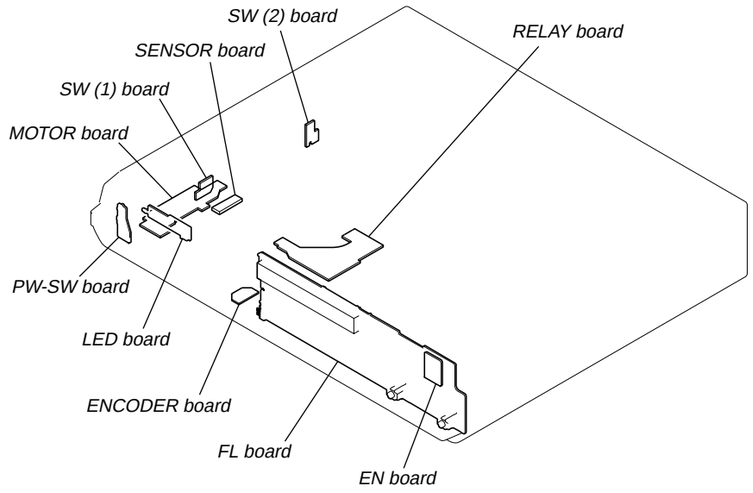
- All capacitors are in µF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.

Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

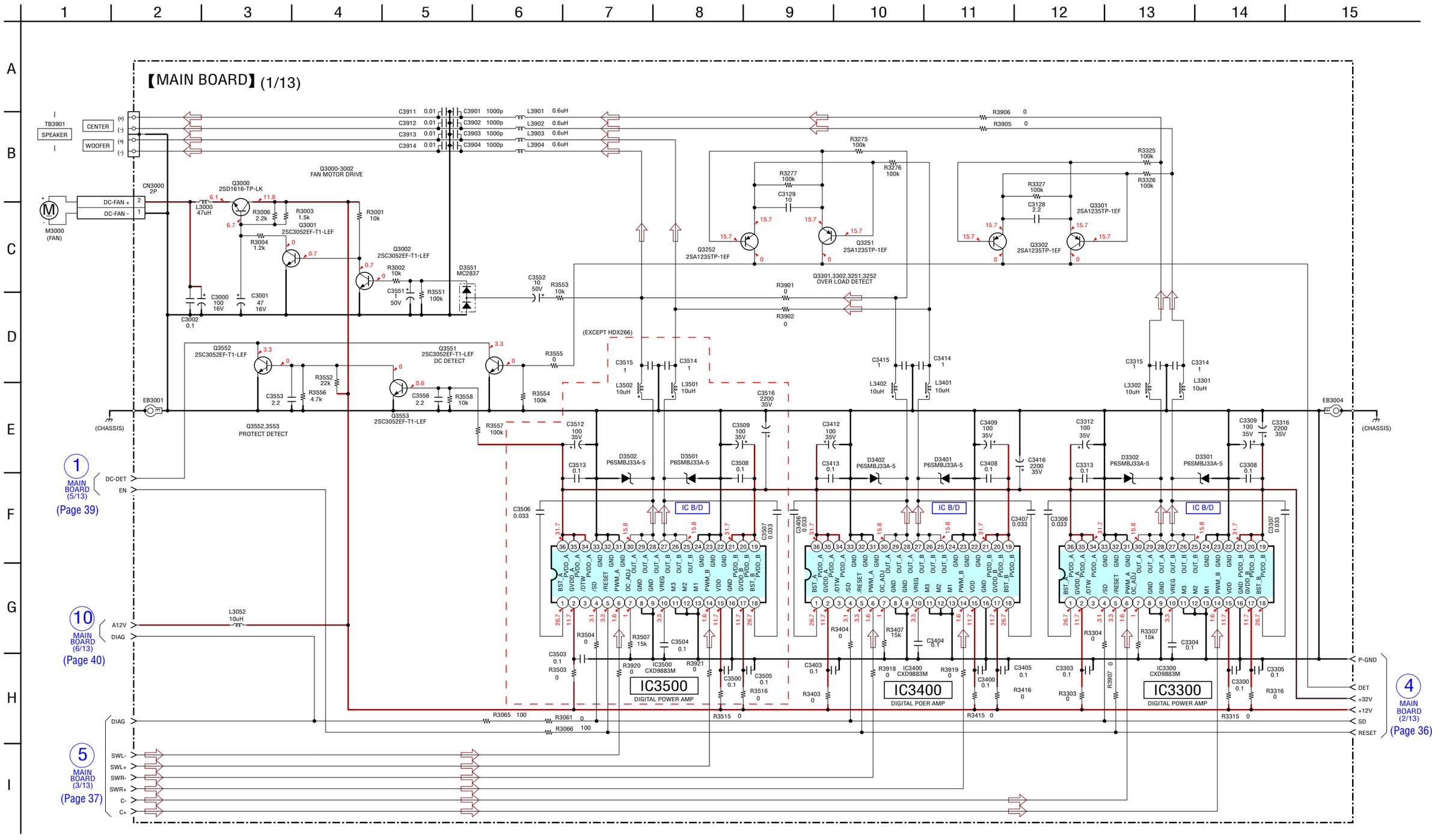
- ▬▬ : B+ Line.
- ▬ ▬ ▬ : B– Line.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
  – IO Board –
  no mark : DVD PLAY
  – Other Boards –
  no mark : TUNER
  ( ) : DVD PLAY
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : AUDIO
  ⇨ : CD/DVD PLAY
  ➡ : TUNER
  ➡ : AUDIO IN
  ⇨ : VIDEO

• Circuit Boards Location



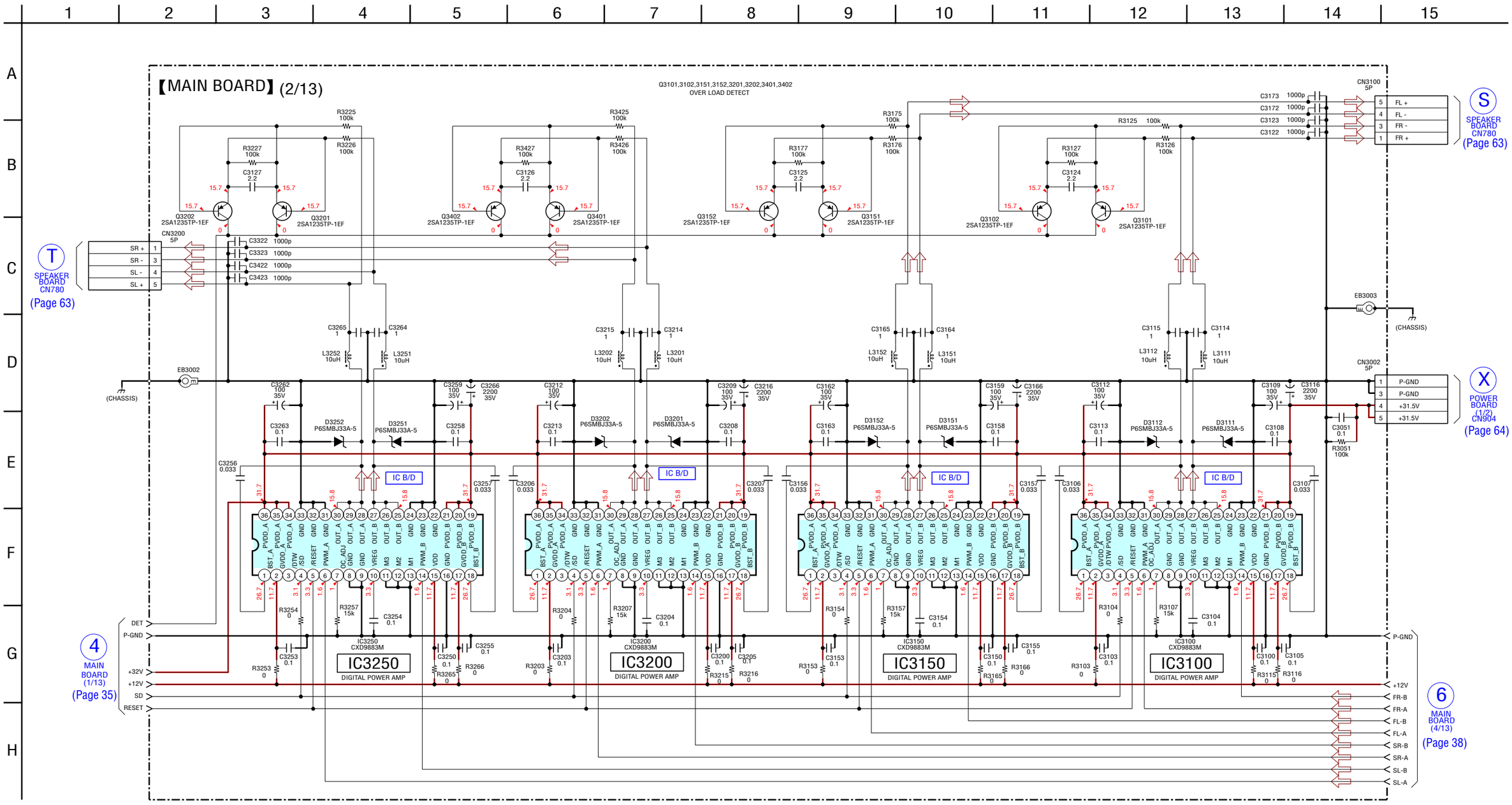


6-6. SCHEMATIC DIAGRAM – MAIN Board (1/13) – • See page 69 for IC Block Diagrams.

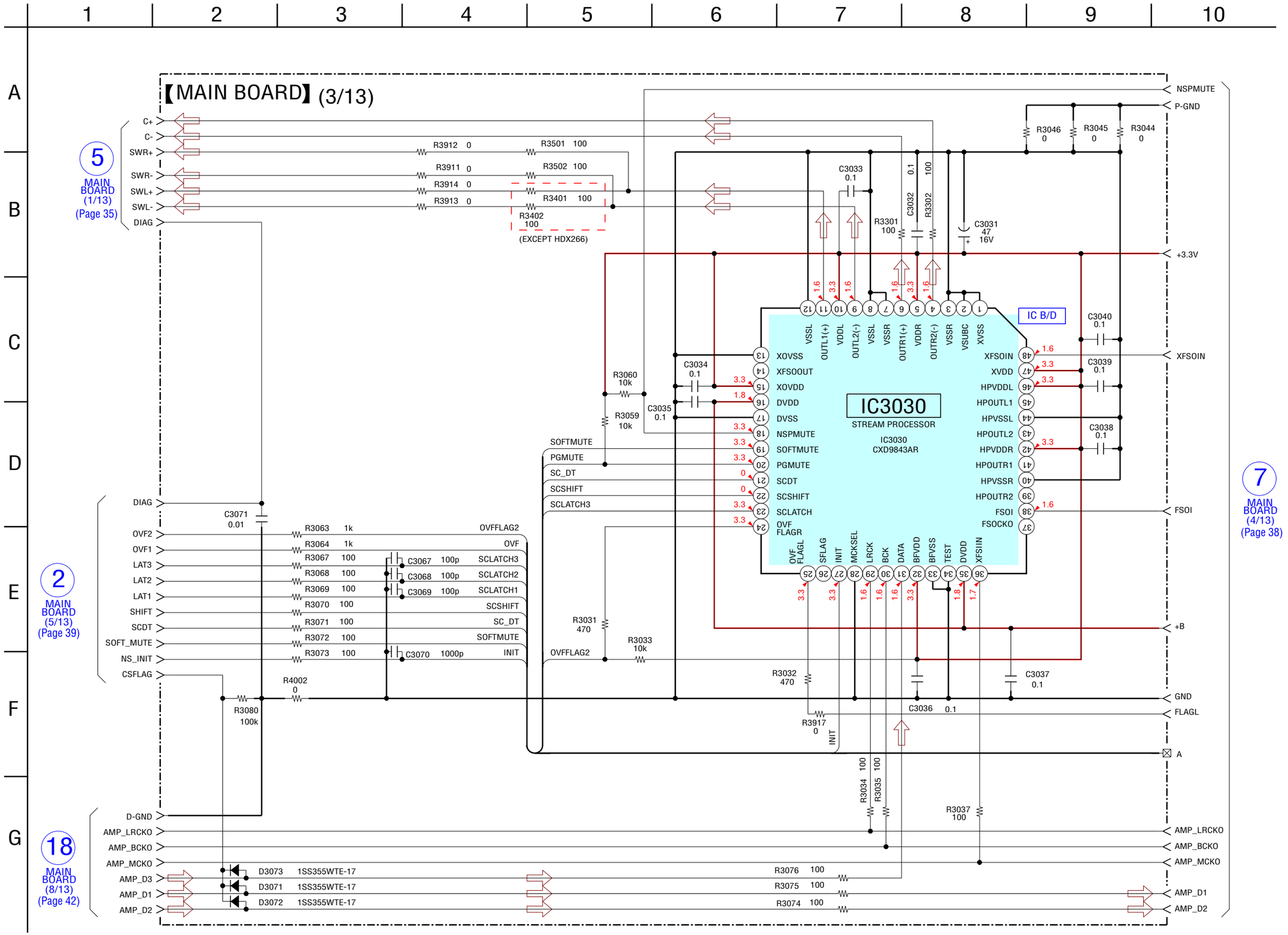


6-7. SCHEMATIC DIAGRAM – MAIN Board (2/13) –

• See page 69 for IC Block Diagrams.

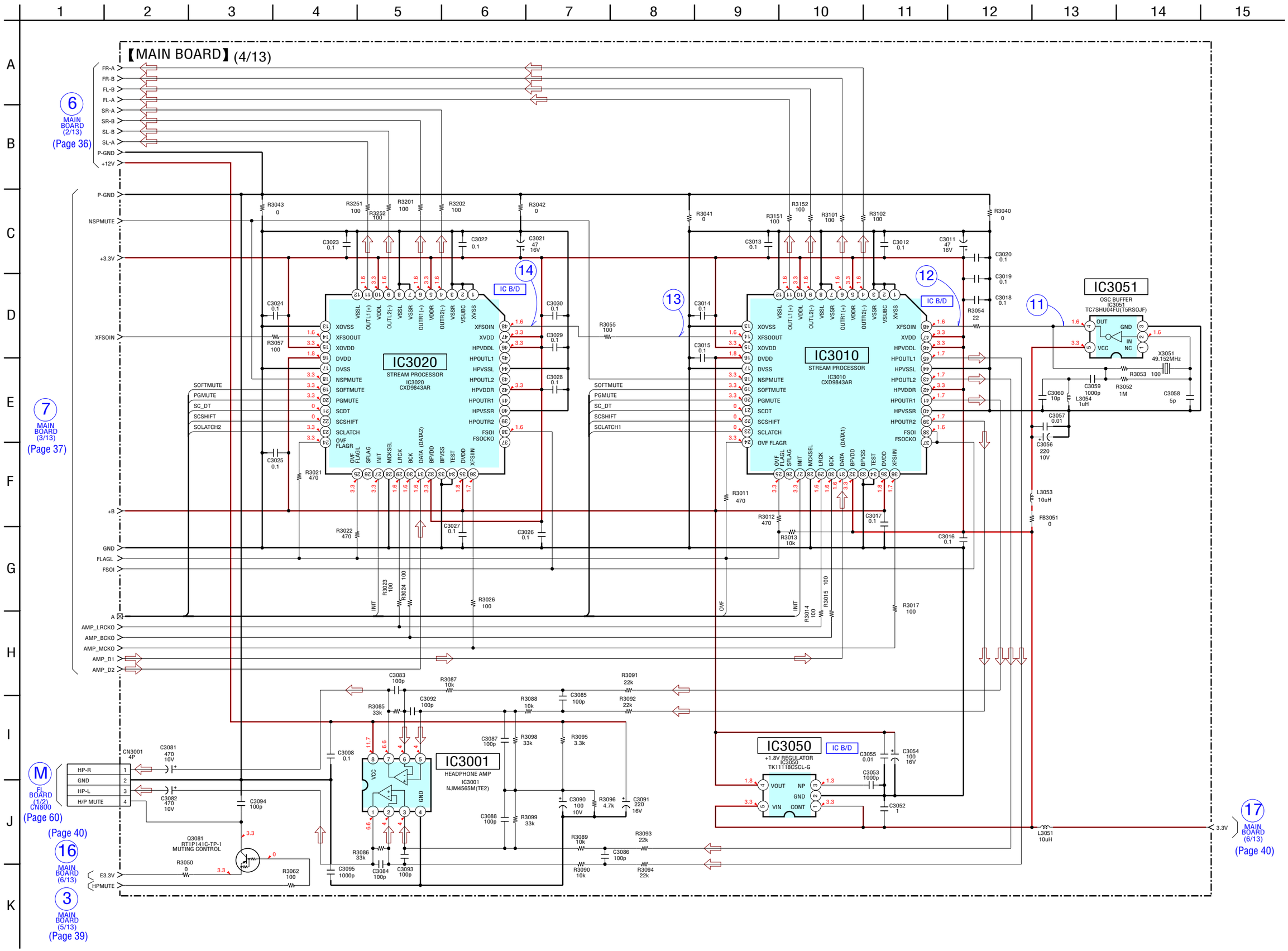


6-8. SCHEMATIC DIAGRAM – MAIN Board (3/13) – • See page 69 for IC Block Diagrams.



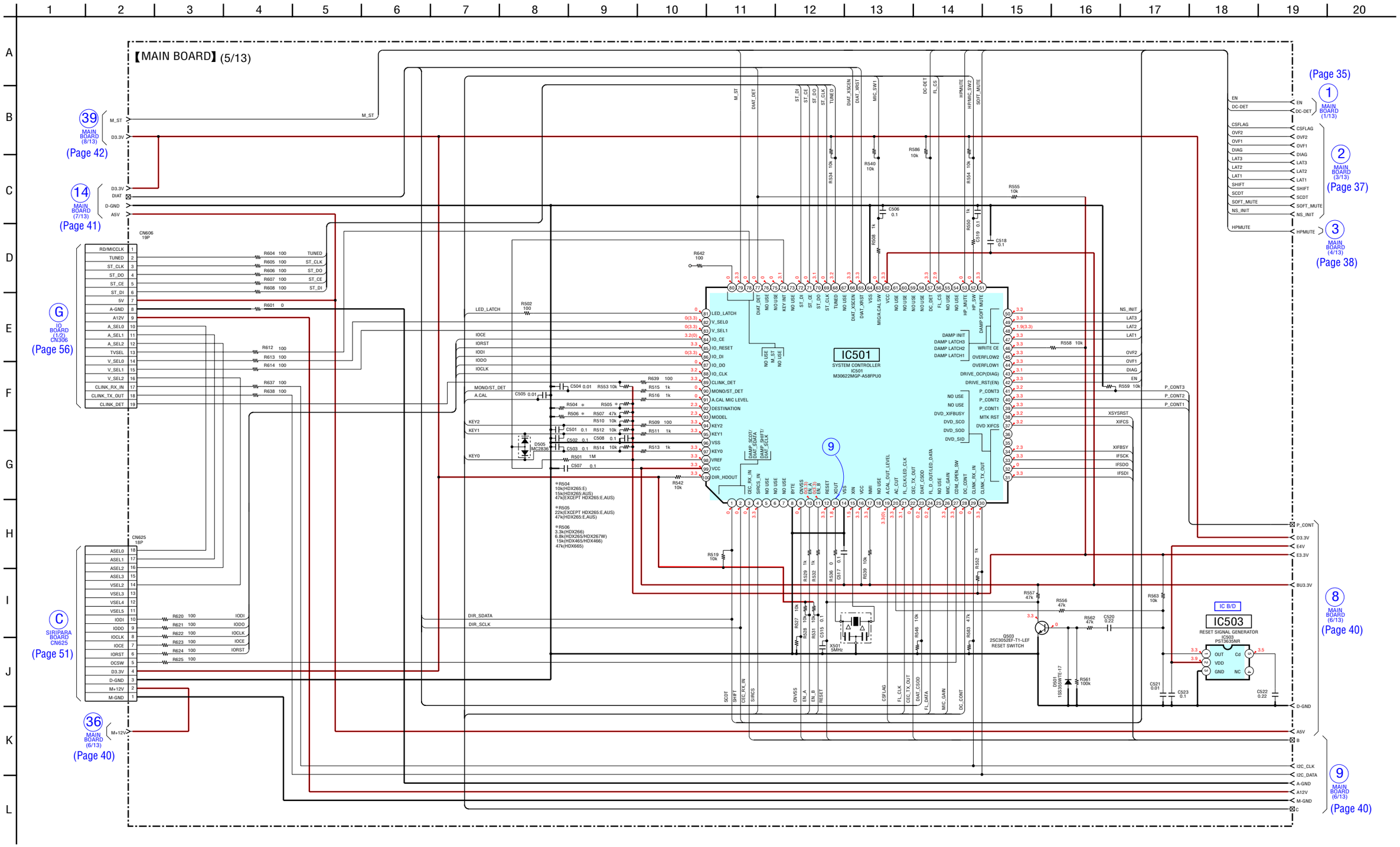
6-9. SCHEMATIC DIAGRAM – MAIN Board (4/13) –

• See page 67 for Waveforms. • See page 69 for IC Block Diagrams.



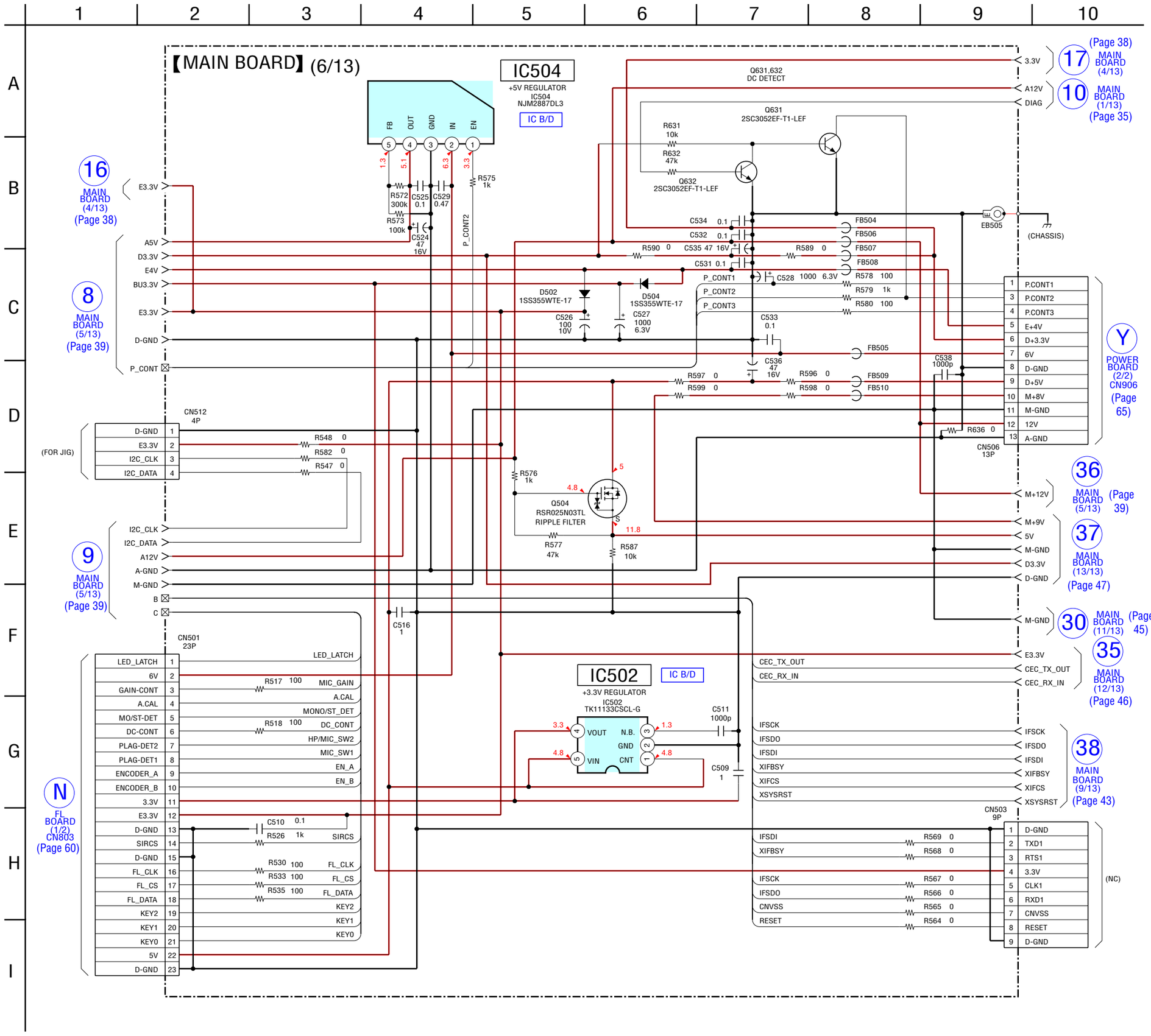
6-10. SCHEMATIC DIAGRAM – MAIN Board (5/13) –

• See page 67 for Waveforms. • See page 69 for IC Block Diagrams. • See page 77 for IC Pin Function Description.

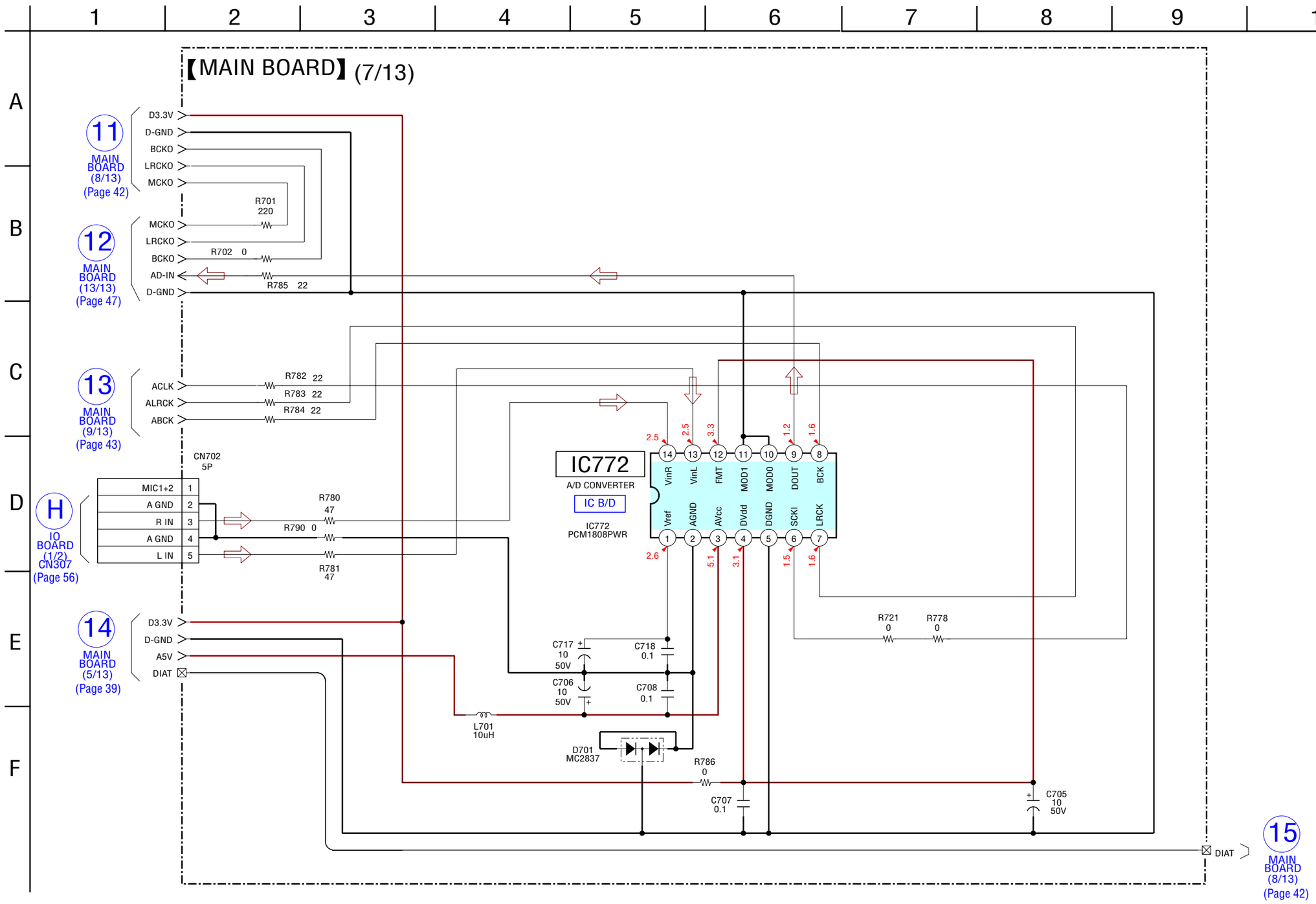


6-11. SCHEMATIC DIAGRAM – MAIN Board (6/13) –

• See page 69 for IC Block Diagrams.

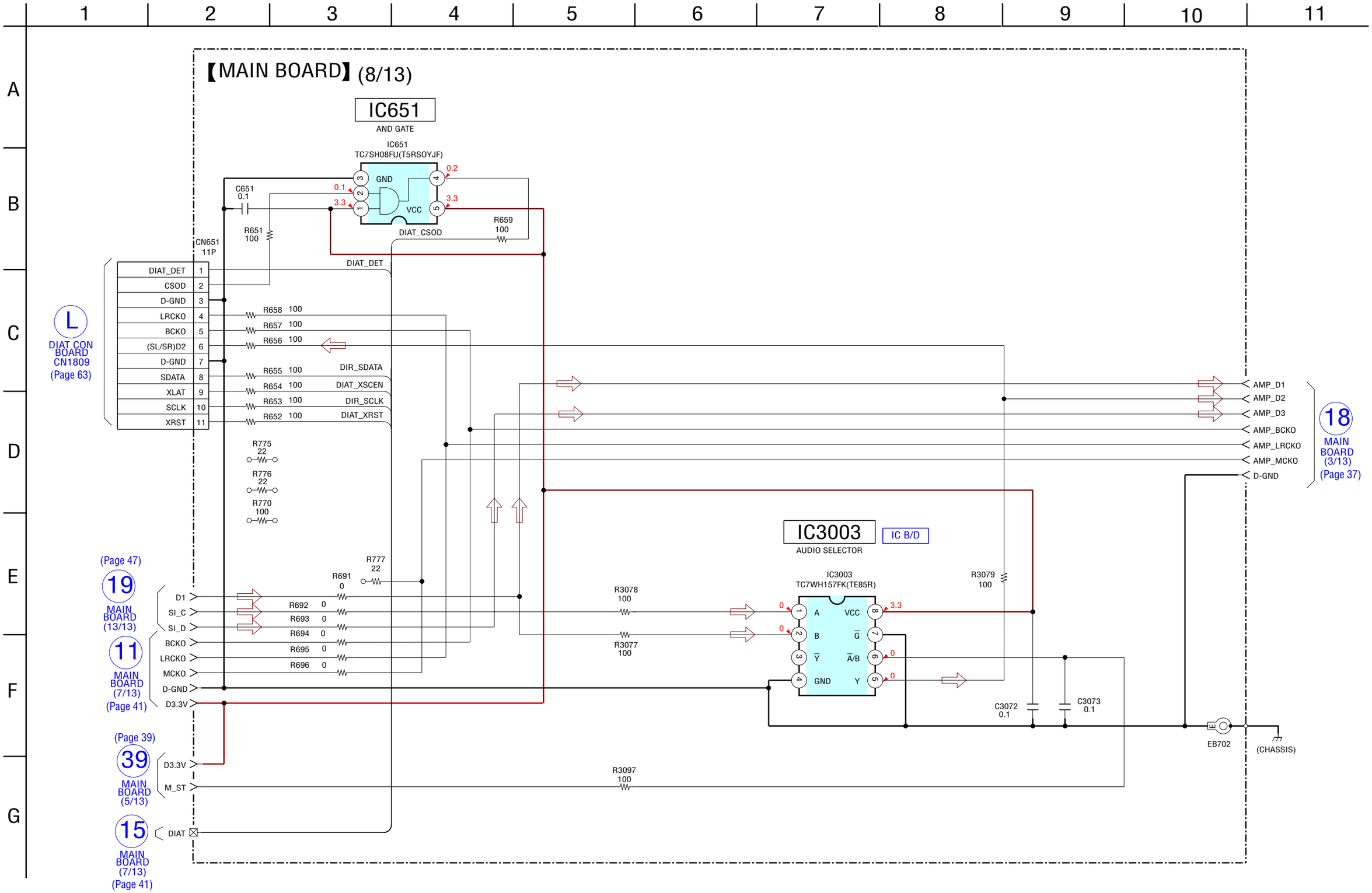


6-12. SCHEMATIC DIAGRAM – MAIN Board (7/13) – • See page 69 for IC Block Diagrams.



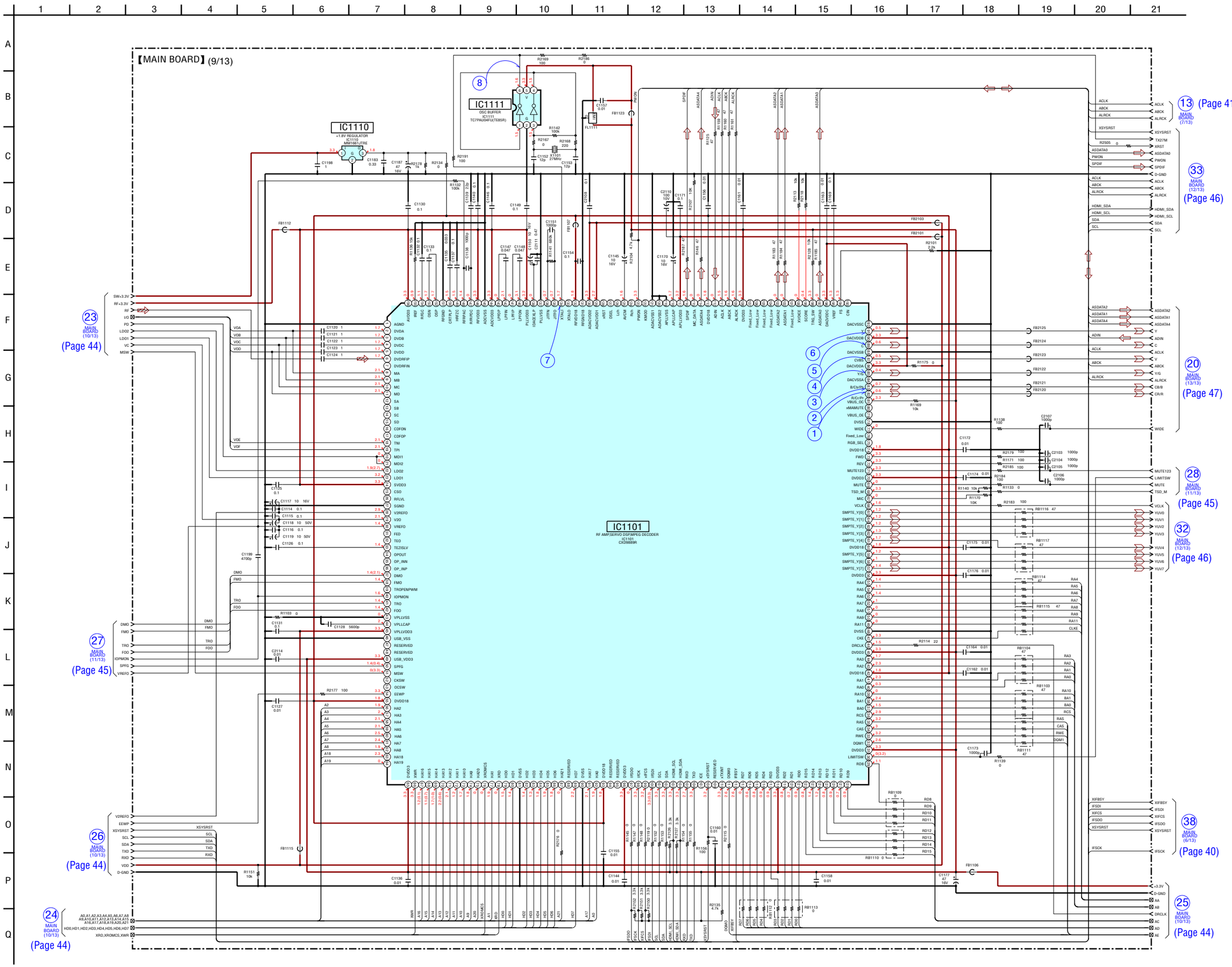
6-13. SCHEMATIC DIAGRAM – MAIN Board (8/13) –

• See page 69 for IC Block Diagrams.



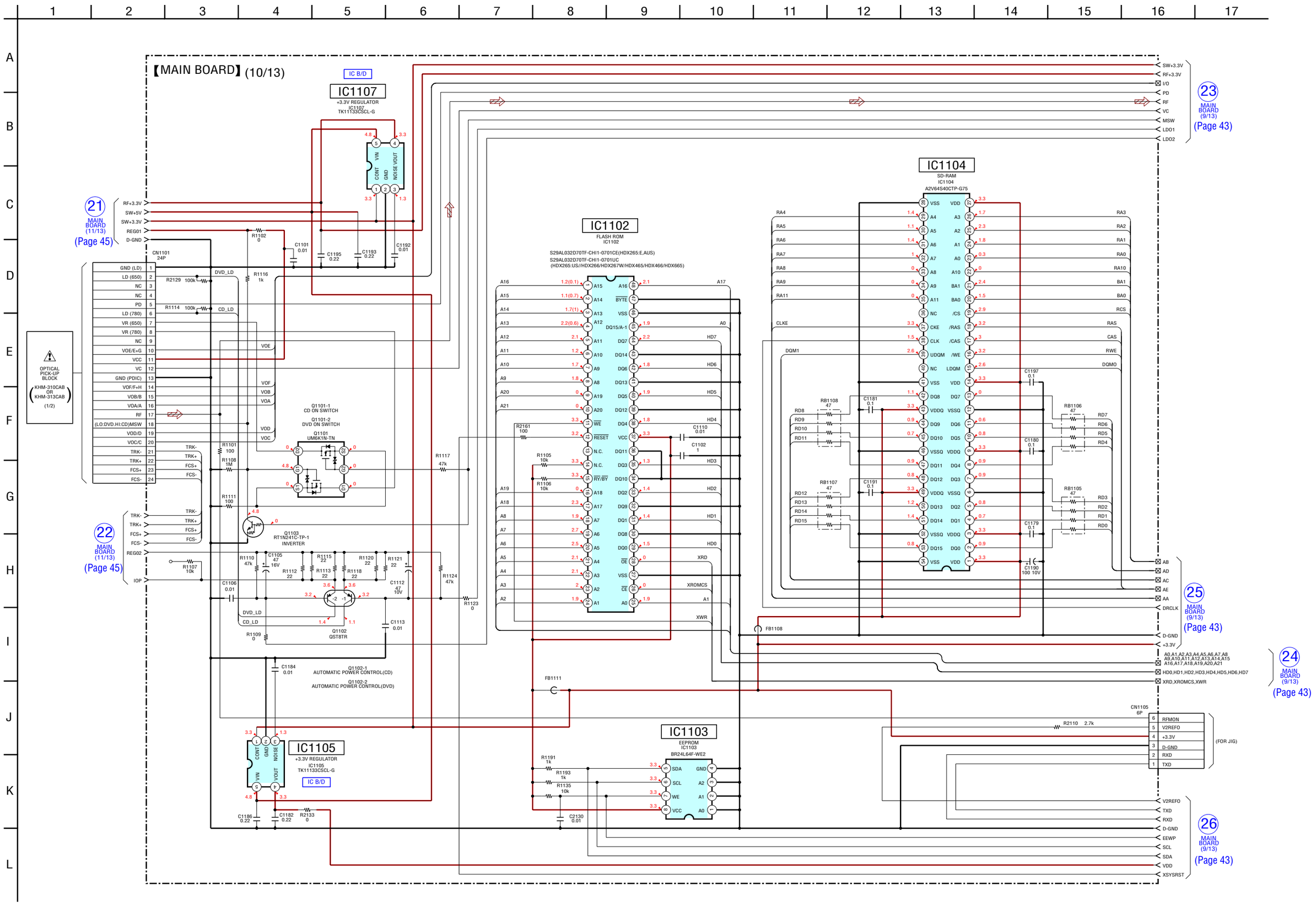
6-14. SCHEMATIC DIAGRAM – MAIN Board (9/13) –

• See page 67 for Waveforms. • See page 77 for IC Pin Function Description.



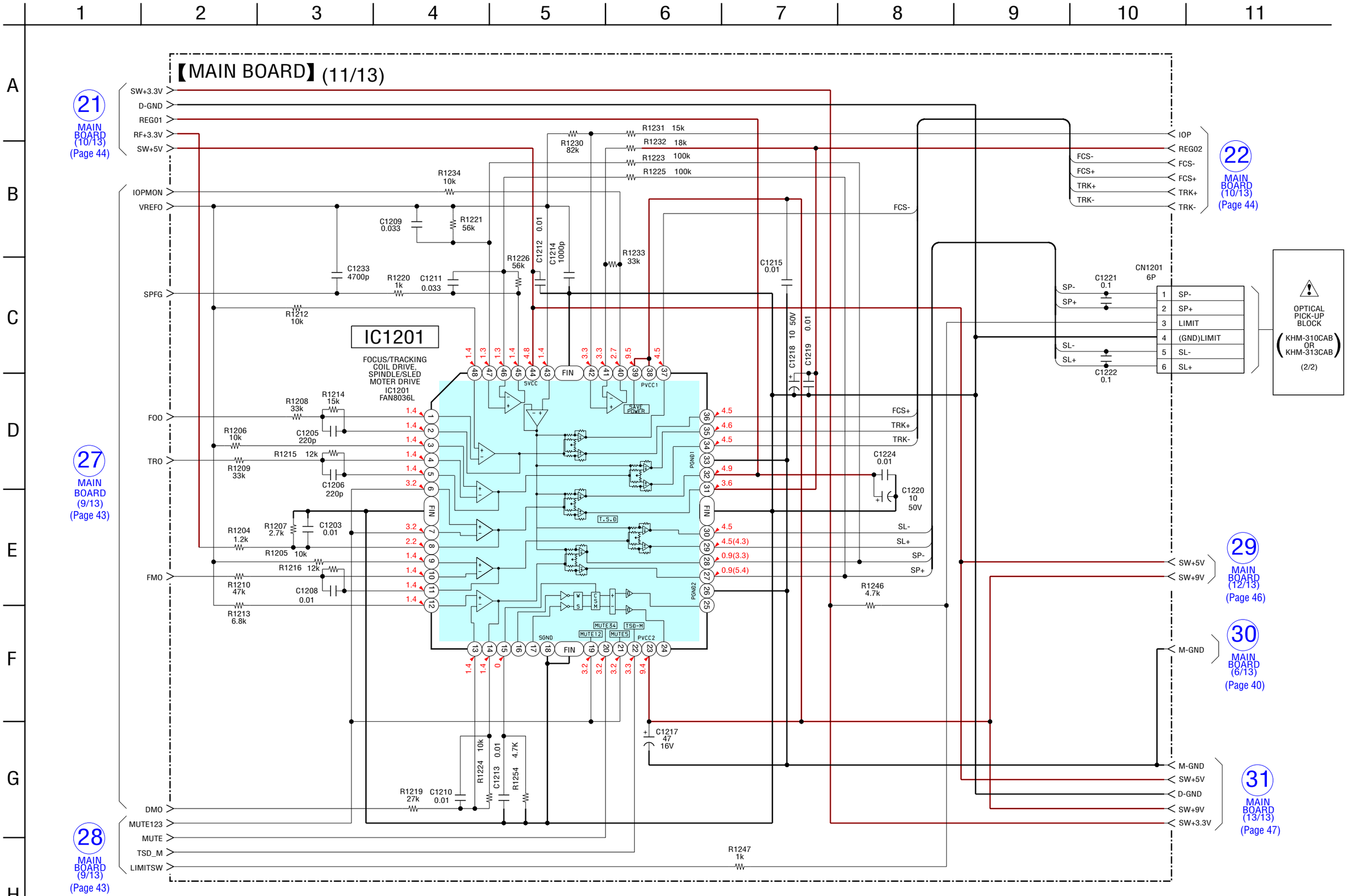
6-15. SCHEMATIC DIAGRAM – MAIN Board (10/13) –

• See page 69 for IC Block Diagrams.



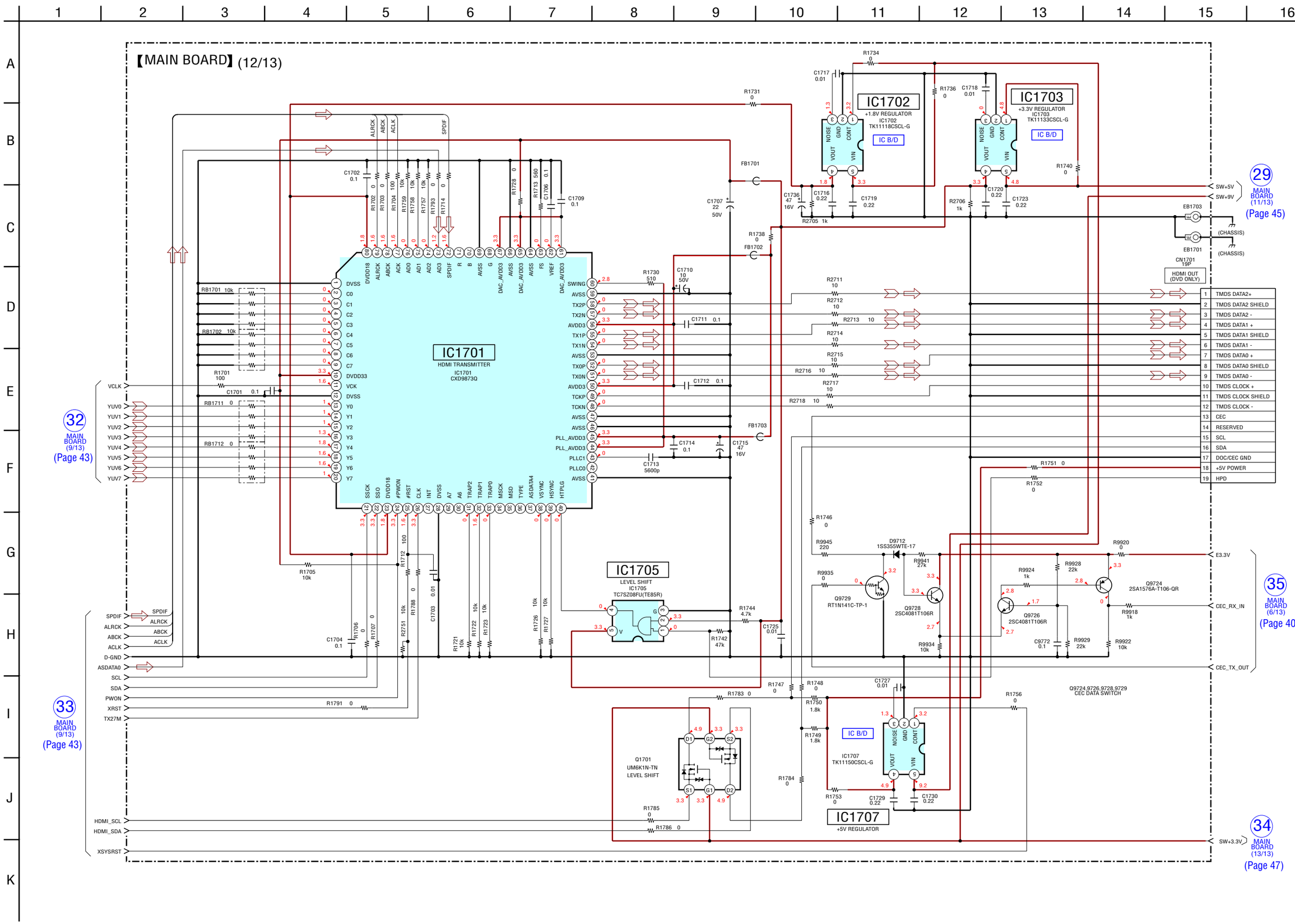
Note: EEPROM (IC1103) on the MAIN board cannot exchange with single. When EEPROM (IC1103) on the MAIN board is damaged, exchange the entire mounted board.

6-16. SCHEMATIC DIAGRAM – MAIN Board (11/13) –

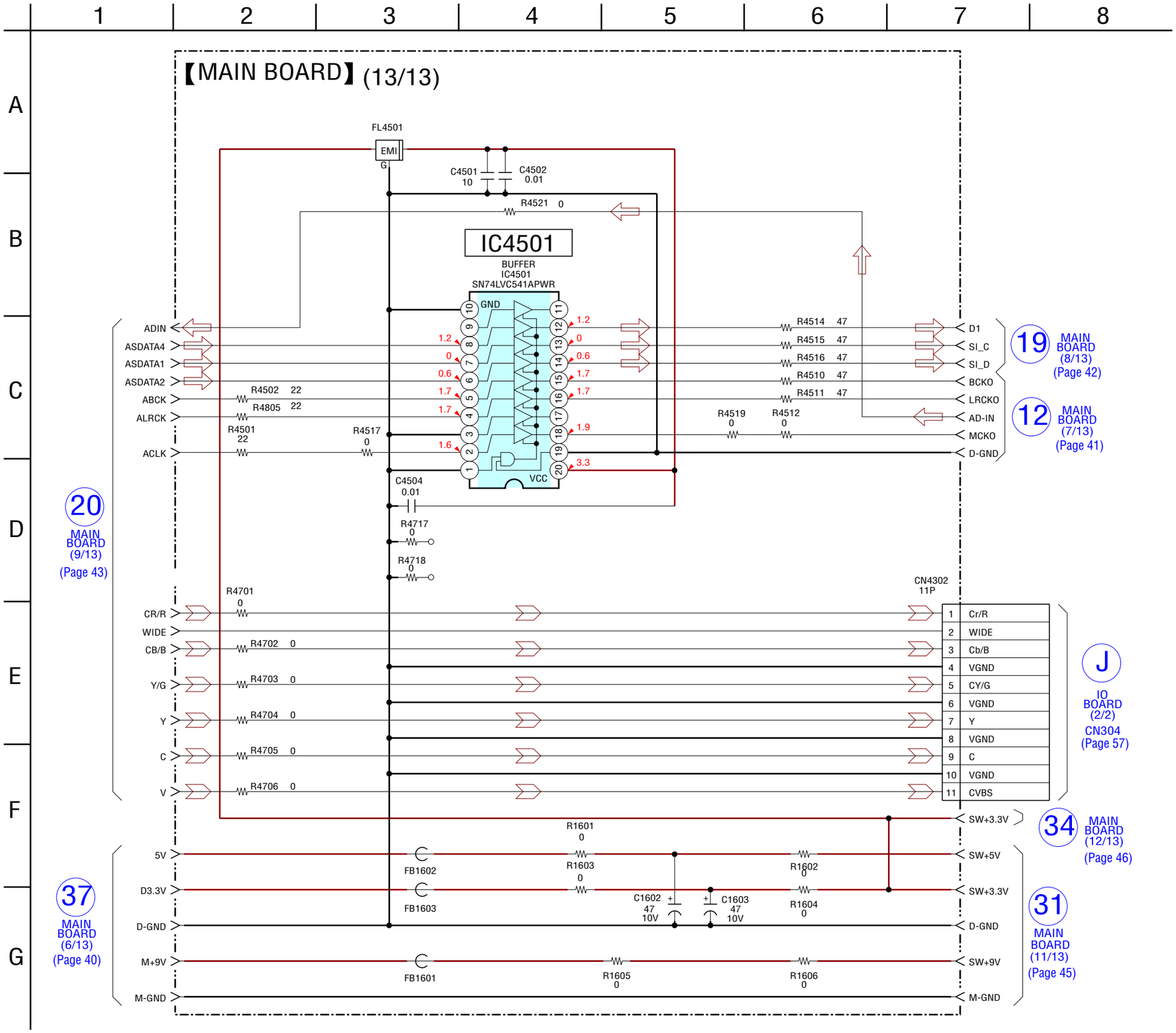


6-17. SCHEMATIC DIAGRAM – MAIN Board (12/13) –

• See page 69 for IC Block Diagrams. • See page 77 for IC Pin Function Description.



6-18. SCHEMATIC DIAGRAM – MAIN Board (13/13) –



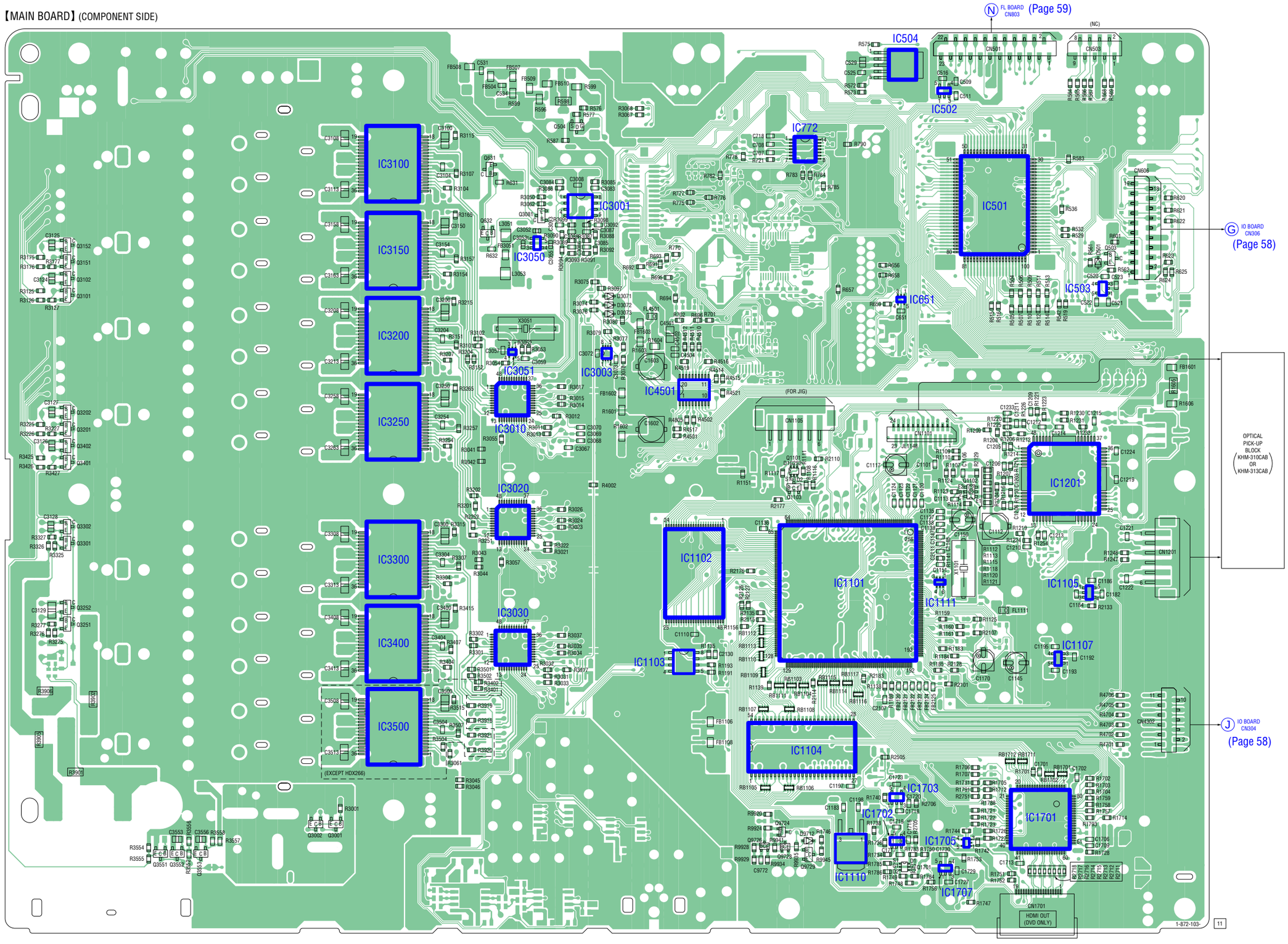
6-19. PRINTED WIRING BOARD – MAIN Board (Component Side) –

• See page 34 for Circuit Boards Location. : Uses unleaded solder.

- **Semiconductor Location**

Ref. No.	Location
D501	D-12
D3071	D-7
D3072	D-7
D3073	D-7
D9712	J-9
IC501	C-11
IC502	B-11
IC503	D-12
IC504	B-10
IC651	D-10
IC772	C-9
IC1101	G-10
IC1102	G-8
IC1103	H-8
IC1104	I-9
IC1105	G-12
IC1107	H-12
IC1110	J-10
IC1111	G-11
IC1201	F-12
IC1701	I-12
IC1702	J-10
IC1703	I-10
IC1705	J-11
IC1707	J-11
IC3001	C-7
IC3003	E-7
IC3010	E-6
IC3020	F-6
IC3030	H-6
IC3050	D-6
IC3051	E-6
IC3100	C-5
IC3150	D-5
IC3200	D-5
IC3250	E-5
IC3300	G-5
IC3400	H-5
IC3500	H-5
IC4501	E-8
Q503	D-12
Q504	B-7
Q631	C-6
Q632	C-6
Q1101	F-9
Q1102	F-11
Q1103	F-9
Q1701	J-10
Q3001	I-4
Q3002	I-4
Q3081	C-6
Q3101	D-2
Q3102	D-2
Q3151	D-2
Q3152	D-2
Q3201	E-2
Q3202	E-2
Q3251	G-2
Q3252	G-2
Q3301	G-2
Q3302	F-2
Q3401	F-2
Q3402	F-2
Q3551	J-3
Q3552	J-3
Q3553	J-3
Q9724	I-9
Q9726	J-9
Q9728	J-9
Q9729	J-9

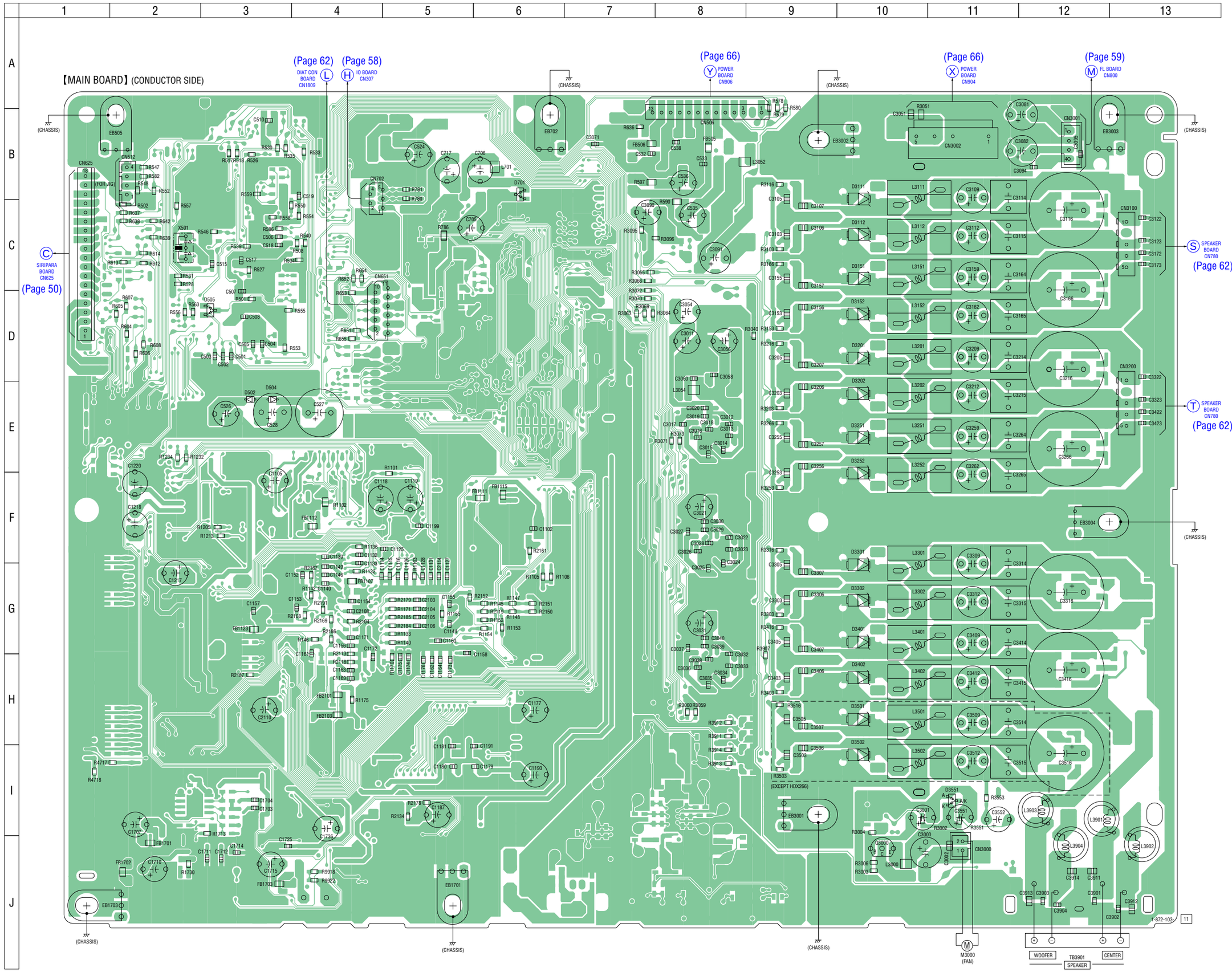
【MAIN BOARD】(COMPONENT SIDE)



Note: EEPROM (IC1103) on the MAIN board cannot exchange with single. When EEPROM (IC1103) on the MAIN board is damaged, exchange the entire mounted board.

6-20. PRINTED WIRING BOARD – MAIN Board (Conductor Side) –

• See page 34 for Circuit Boards Location. : Uses unleaded solder.



• **Semiconductor Location**

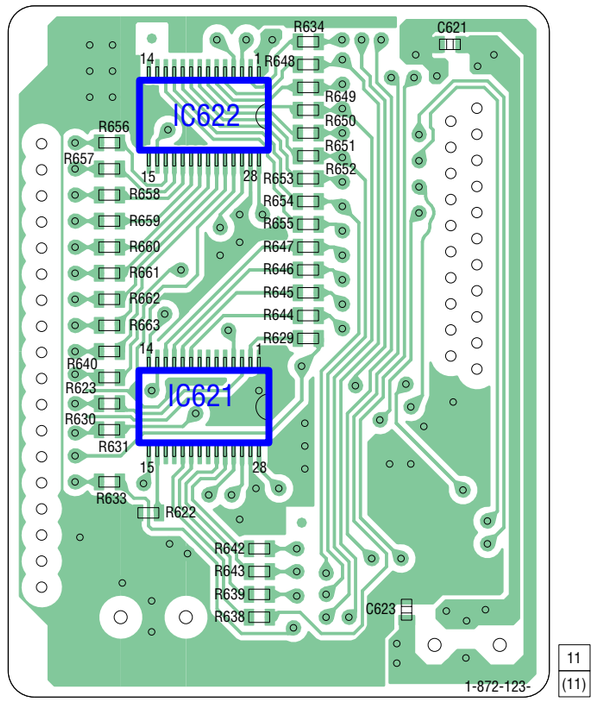
Ref. No.	Location
D502	E-3
D504	E-3
D505	D-3
D701	B-6
D3111	B-10
D3112	C-10
D3151	C-10
D3152	D-10
D3201	D-10
D3202	E-10
D3251	E-10
D3252	F-10
D3301	G-10
D3302	G-10
D3401	G-10
D3402	H-10
D3501	H-10
D3502	I-10
D3551	I-11
Q3000	J-10

6-21. PRINTED WIRING BOARD – SIRIPARA Board –

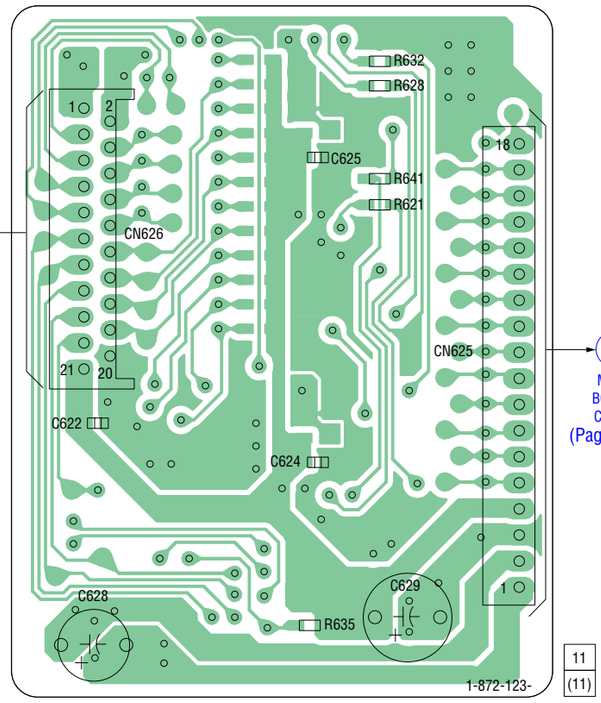
• See page 34 for Circuit Boards Location.

: Uses unleaded solder.

【SIRIPARA BOARD】(COMPONENT SIDE)

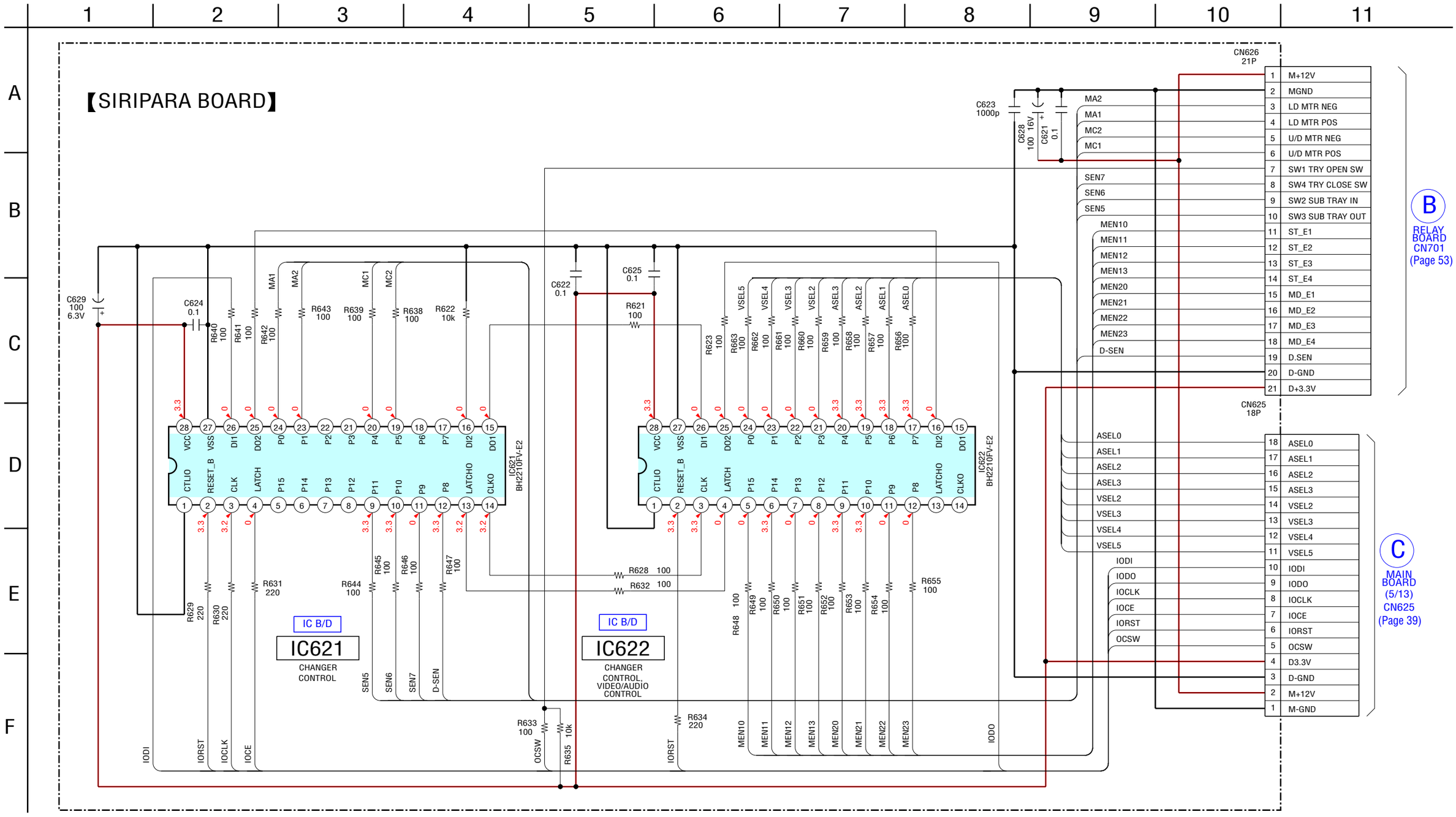


【SIRIPARA BOARD】(CONDUCTOR SIDE)



6-22. SCHEMATIC DIAGRAM – SIRIPARA Board –

• See page 69 for IC Block Diagrams.



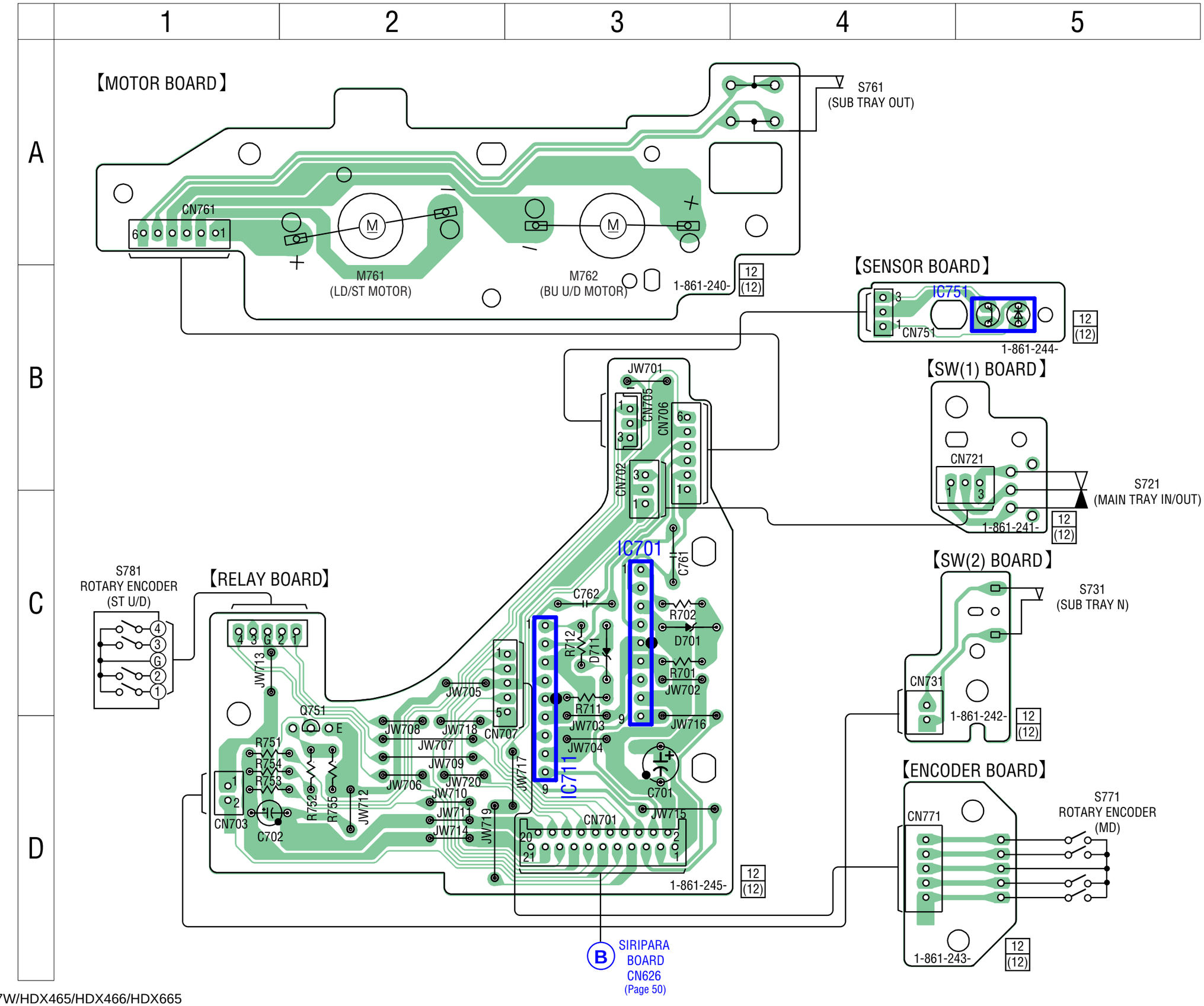
6-23. PRINTED WIRING BOARDS – CHANGER Section –

• See page 34 for Circuit Boards Location.

: Uses unleaded solder.

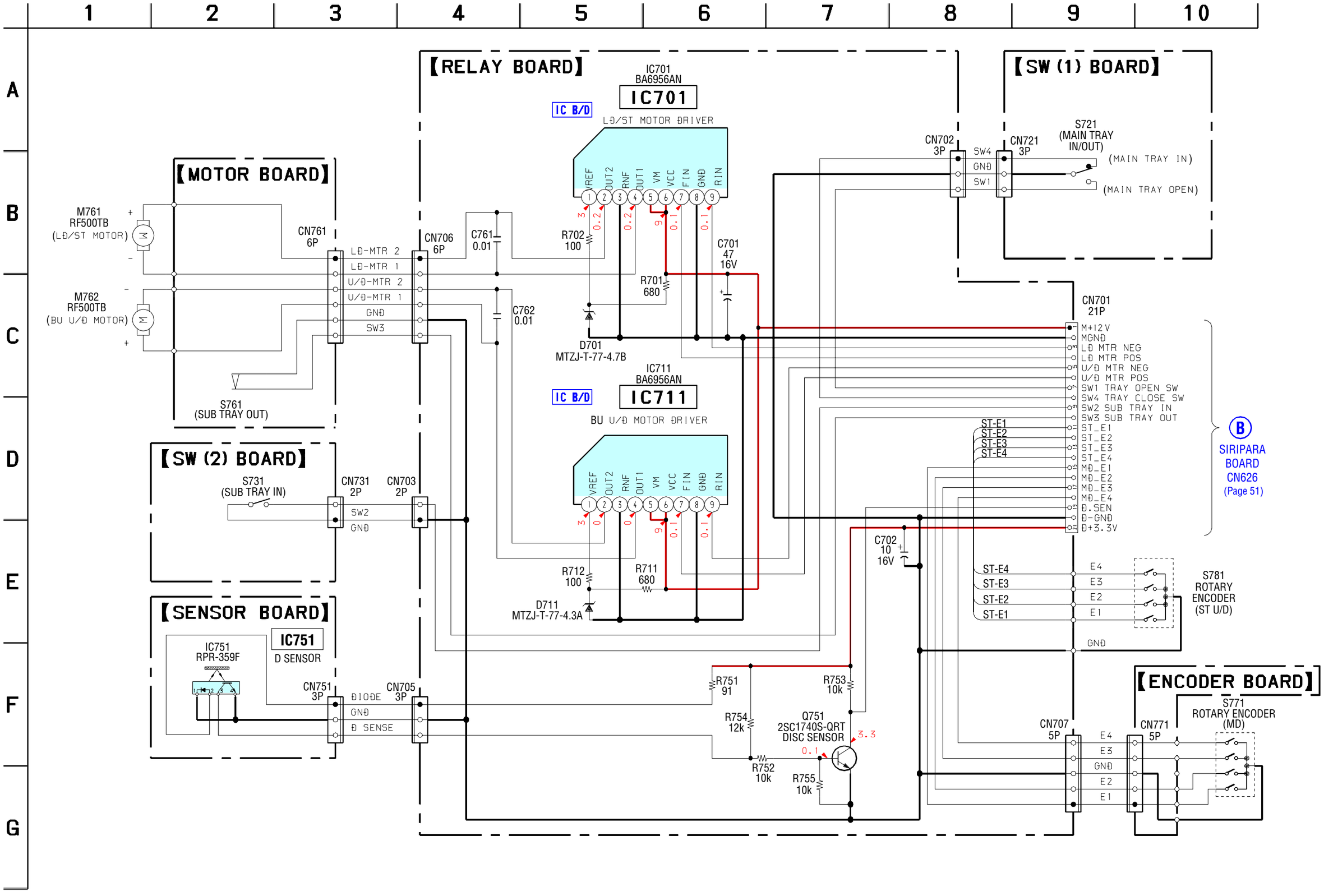
- **Semiconductor Location**

Ref. No.	Location
D701	C-3
D711	C-3
IC701	C-3
IC711	C-3
IC751	B-5
Q751	D-2



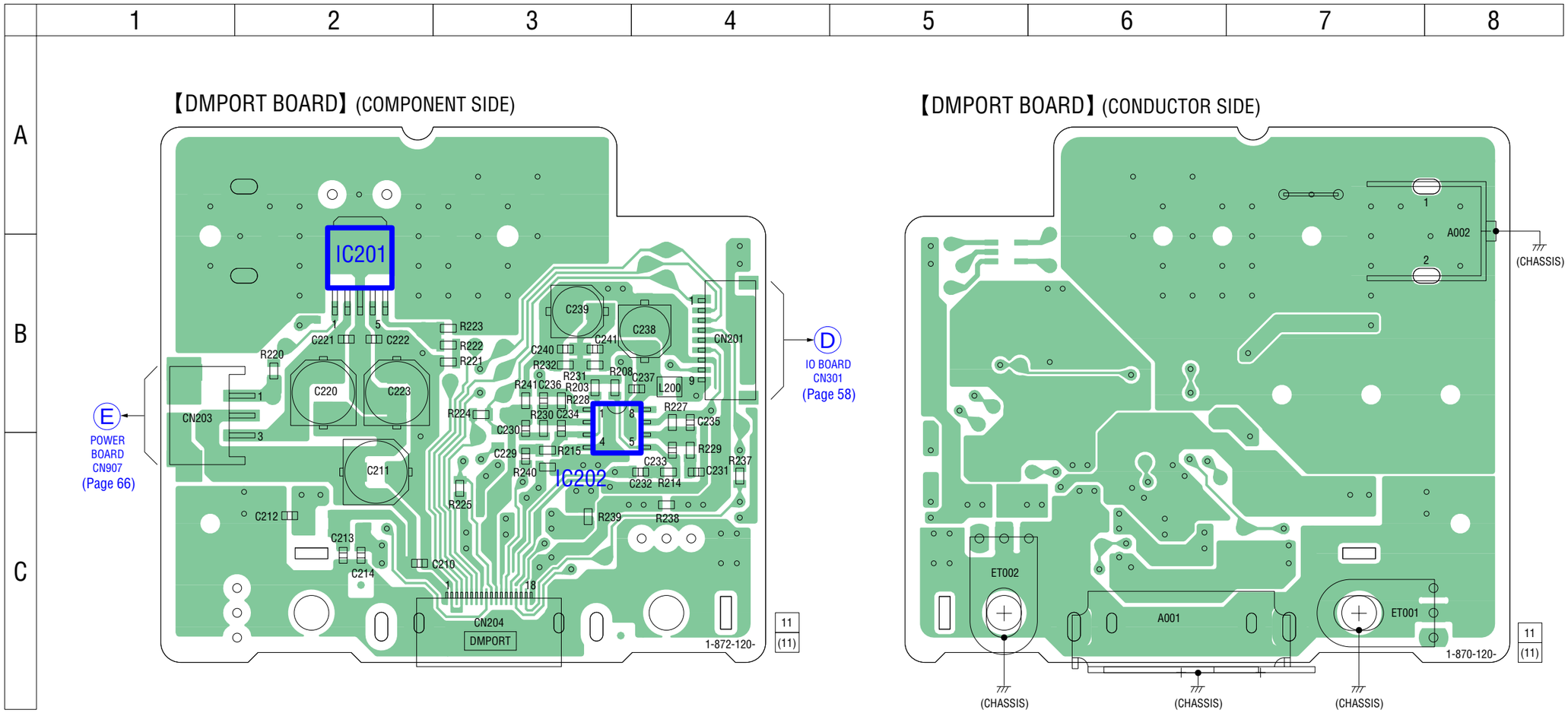
6-24. SCHEMATIC DIAGRAM – CHANGER Section –

• See page 69 for IC Block Diagrams.



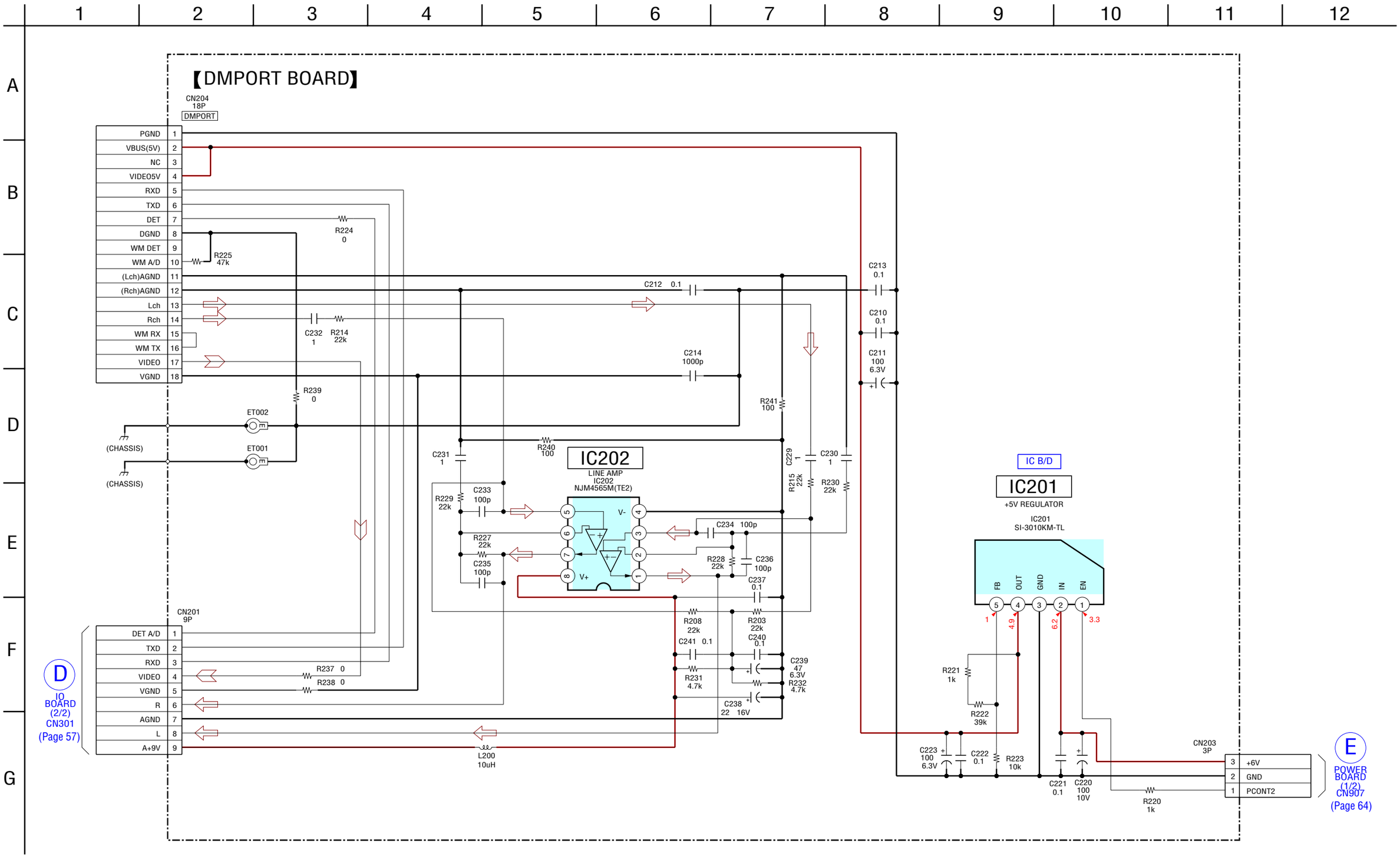
6-25. PRINTED WIRING BOARD – DMPORT Board –

• See page 34 for Circuit Boards Location. : Uses unleaded solder.



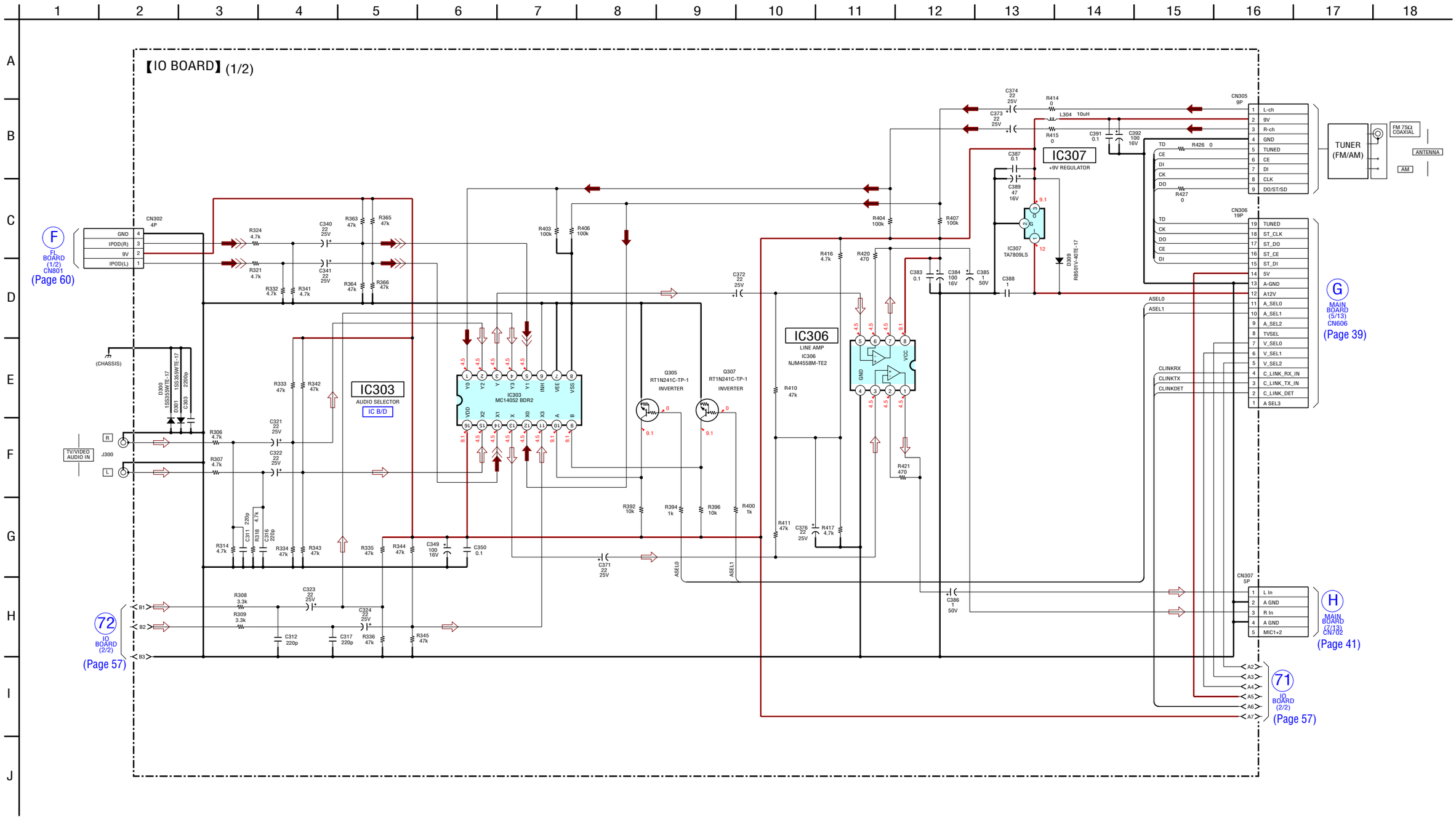
6-26. SCHEMATIC DIAGRAM – DMPORT Board –

• See page 69 for IC Block Diagrams.

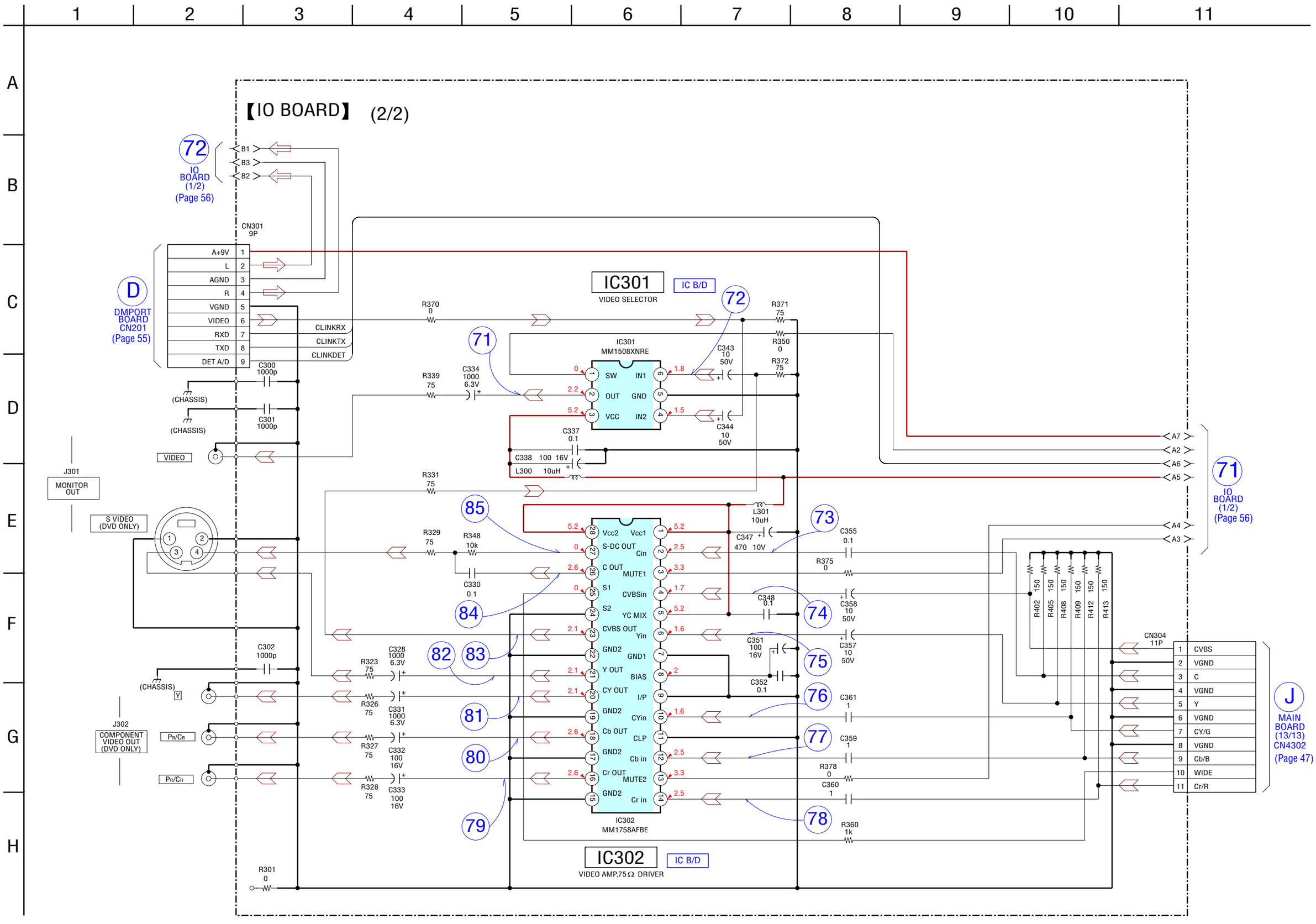


6-27. SCHEMATIC DIAGRAM – IO Board (1/2) –

• See page 69 for IC Block Diagrams.

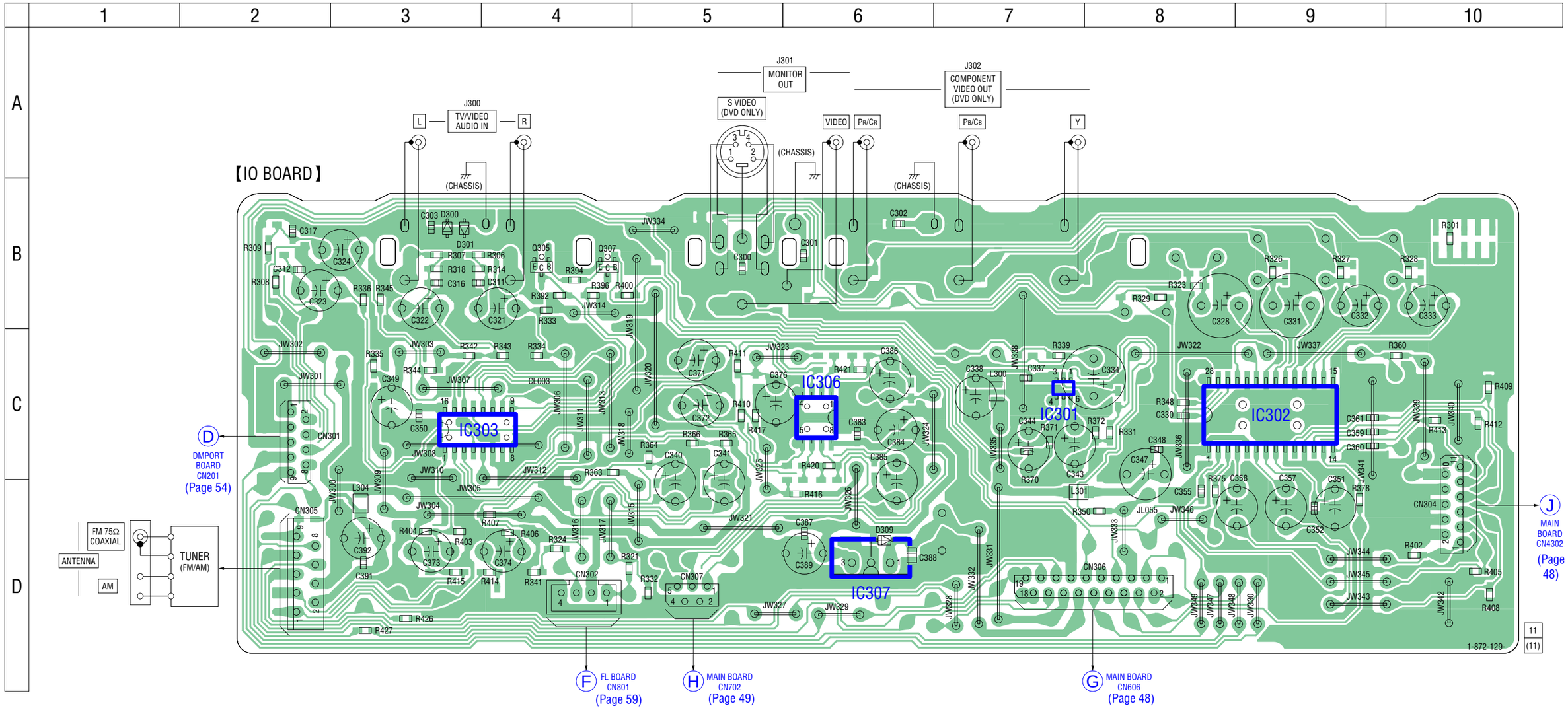


6-28. SCHEMATIC DIAGRAM – IO Board (2/2) – • See page 67 for Waveforms. • See page 69 for IC Block Diagrams.



6-29. PRINTED WIRING BOARD – IO Board –

• See page 34 for Circuit Boards Location. : Uses unleaded solder.

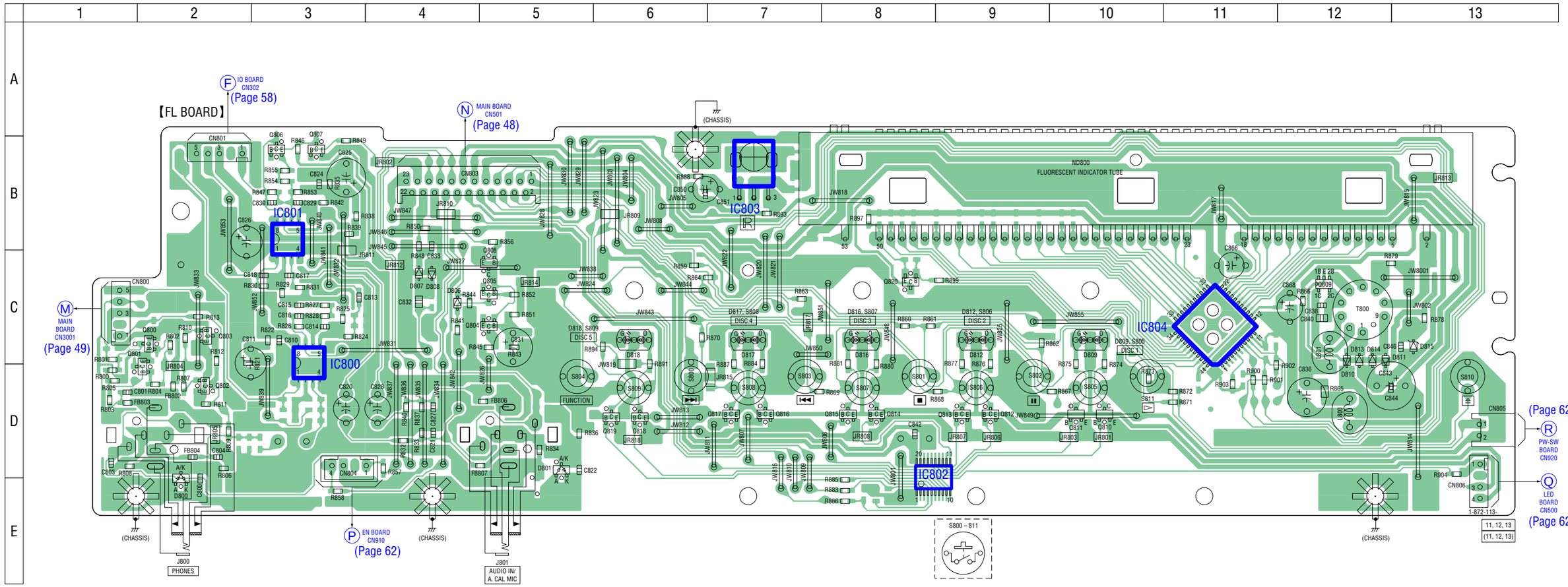


- **Semiconductor Location**

Ref. No.	Location
D300	B-3
D301	B-3
D309	D-6
IC301	C-7
IC302	C-9
IC303	C-3
IC306	C-6
IC307	D-6
Q305	B-4
Q307	B-4

6-30. PRINTED WIRING BOARD – FL Board –

• See page 34 for Circuit Boards Location. : Uses unleaded solder.

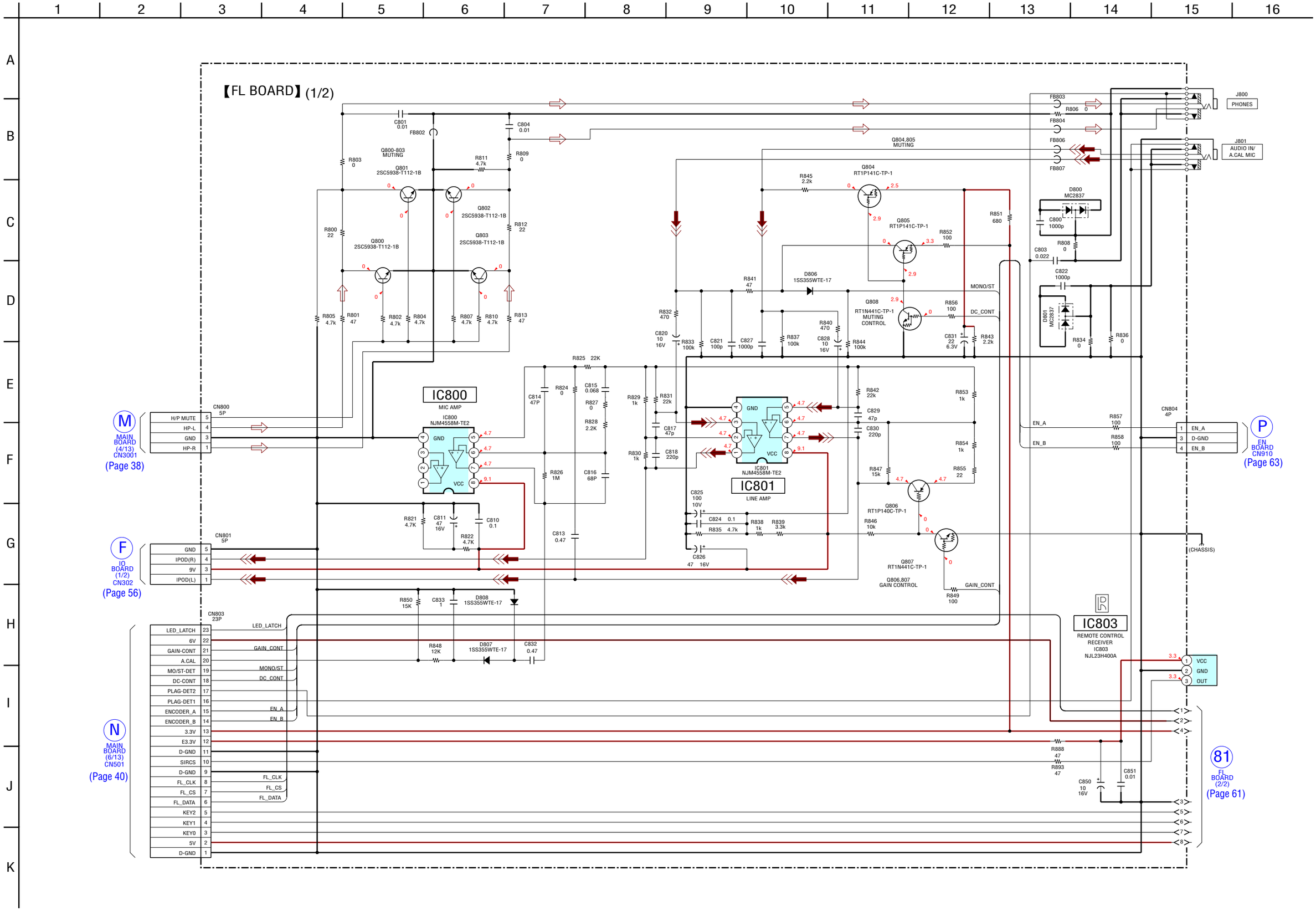


• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D800	E-2	Q800	C-2
D801	D-5	Q801	D-2
D806	C-4	Q802	D-2
D807	C-4	Q803	C-2
D808	C-4	Q804	C-5
D809	C-10	Q805	C-5
D810	C-12	Q806	B-3
D811	C-12	Q807	B-3
D812	C-9	Q808	C-5
D813	C-12	Q809	C-12
D814	C-12	Q810	D-10
D815	C-13	Q811	D-10
D816	C-8	Q812	D-9
D817	C-7	Q813	D-9
D818	C-6	Q814	D-8
		Q815	D-8
IC800	C-3	Q816	D-7
IC801	B-3	Q817	D-7
IC802	D-8	Q818	D-6
IC803	B-7	Q819	D-6
IC804	C-11	Q820	C-8

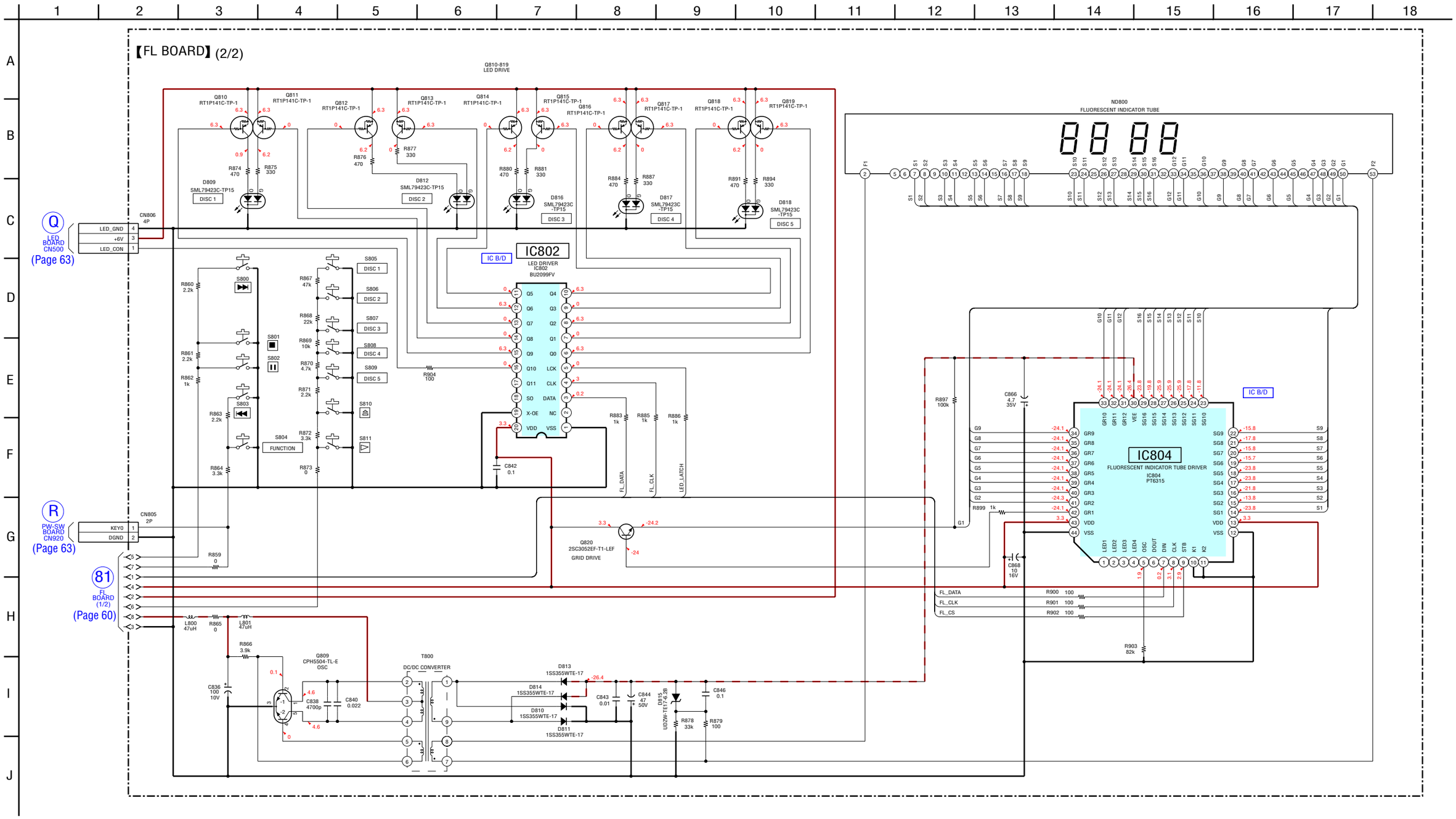
6-31. SCHEMATIC DIAGRAM – FL Board (1/2) –

【FL BOARD】(1/2)



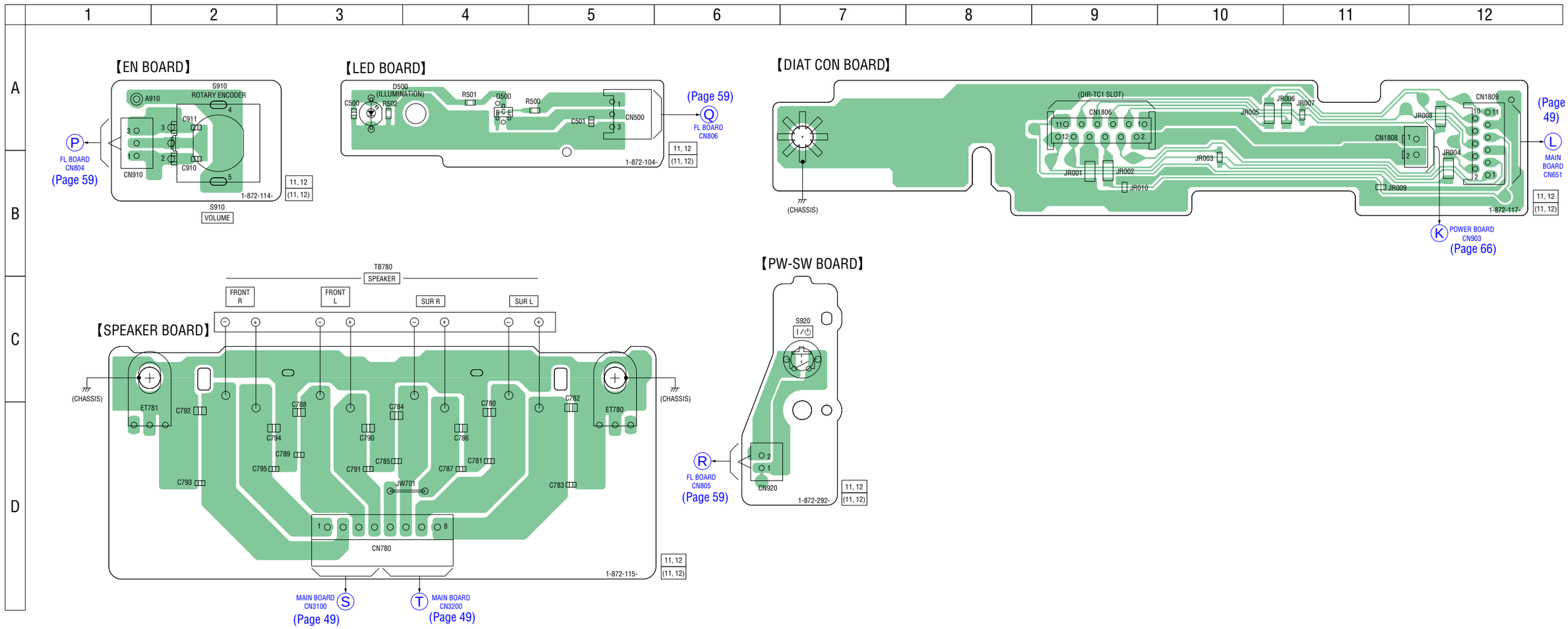
6-32. SCHEMATIC DIAGRAM – FL Board (2/2) –

• See page 69 for IC Block Diagrams.

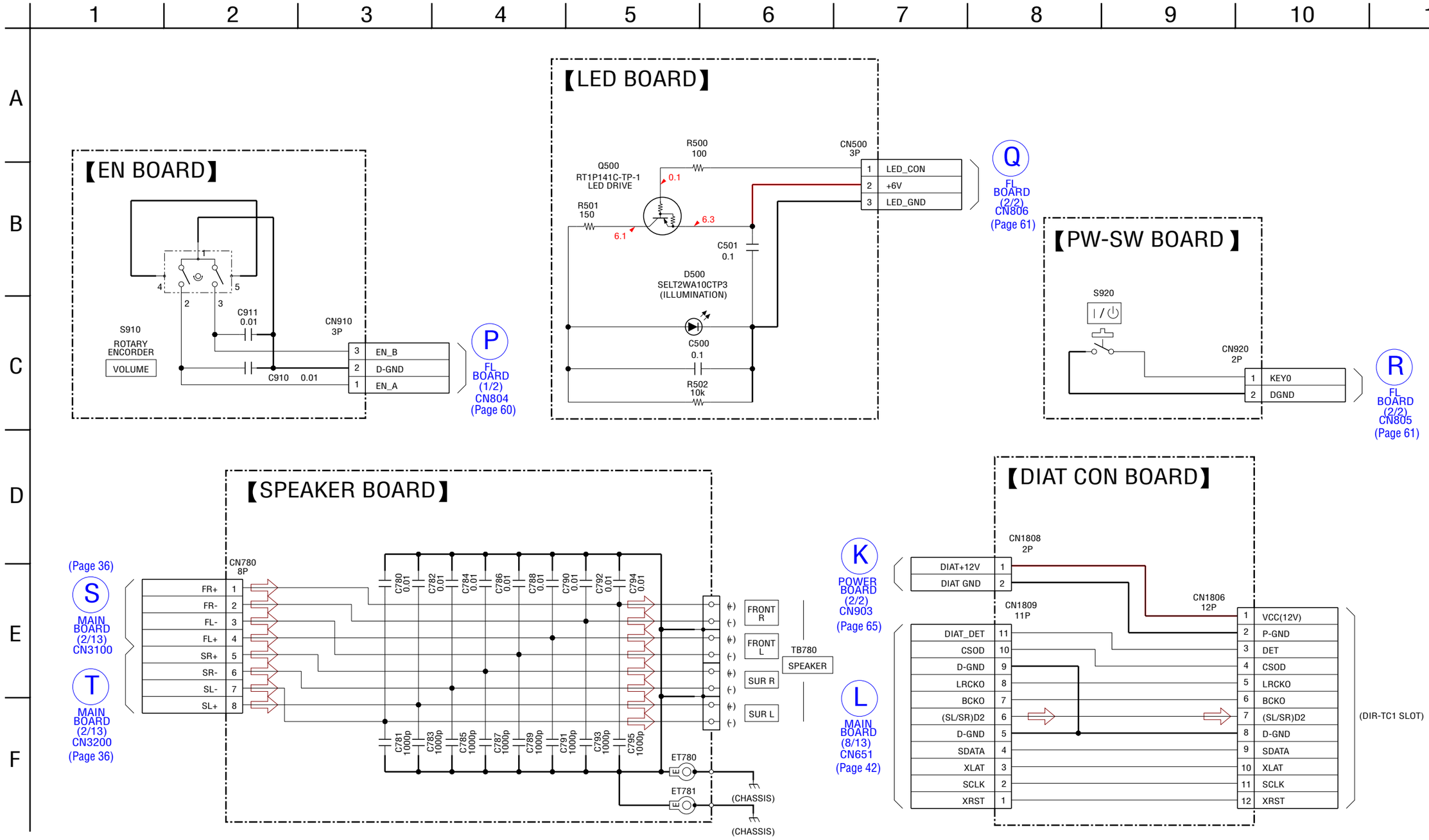


6-33. PRINTED WIRING BOARDS – PANEL Section –

• See page 34 for Circuit Boards Location. : Uses unleaded solder.

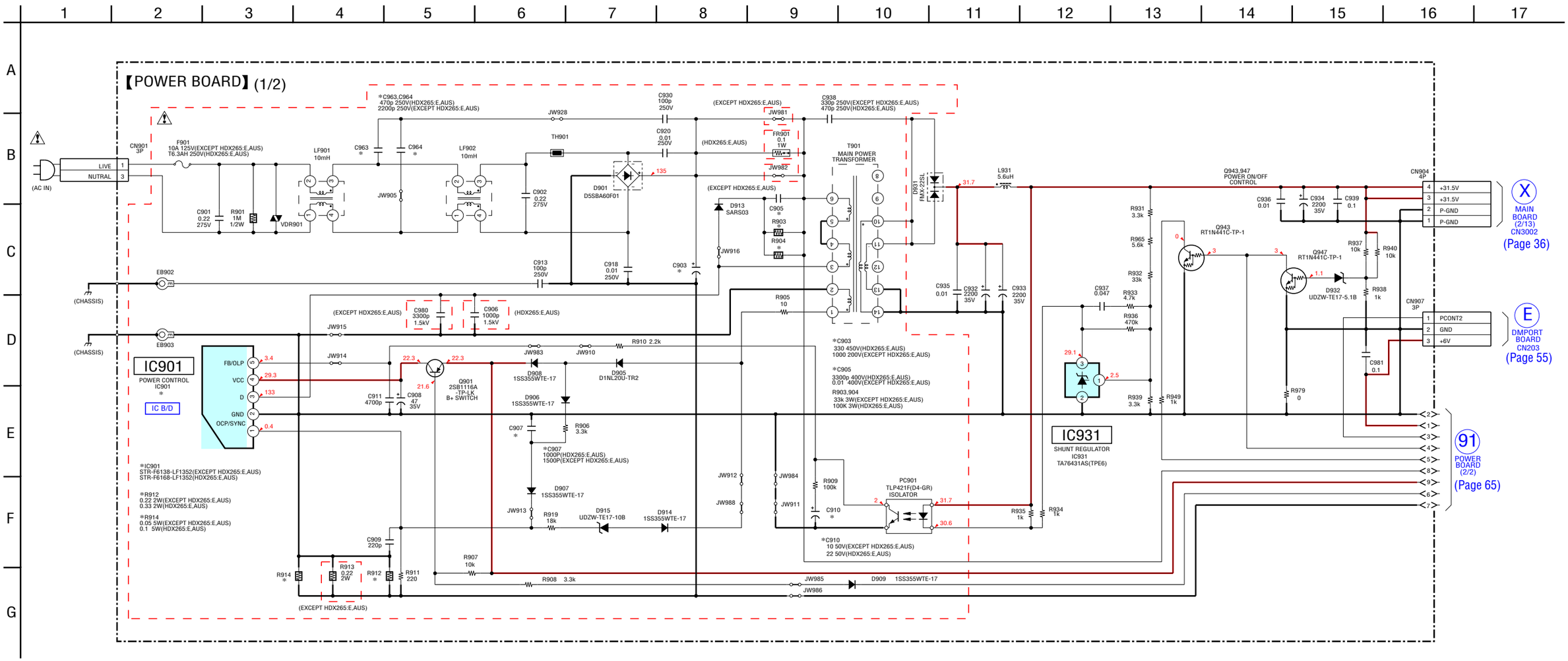


6-34. SCHEMATIC DIAGRAM – PANEL Section –



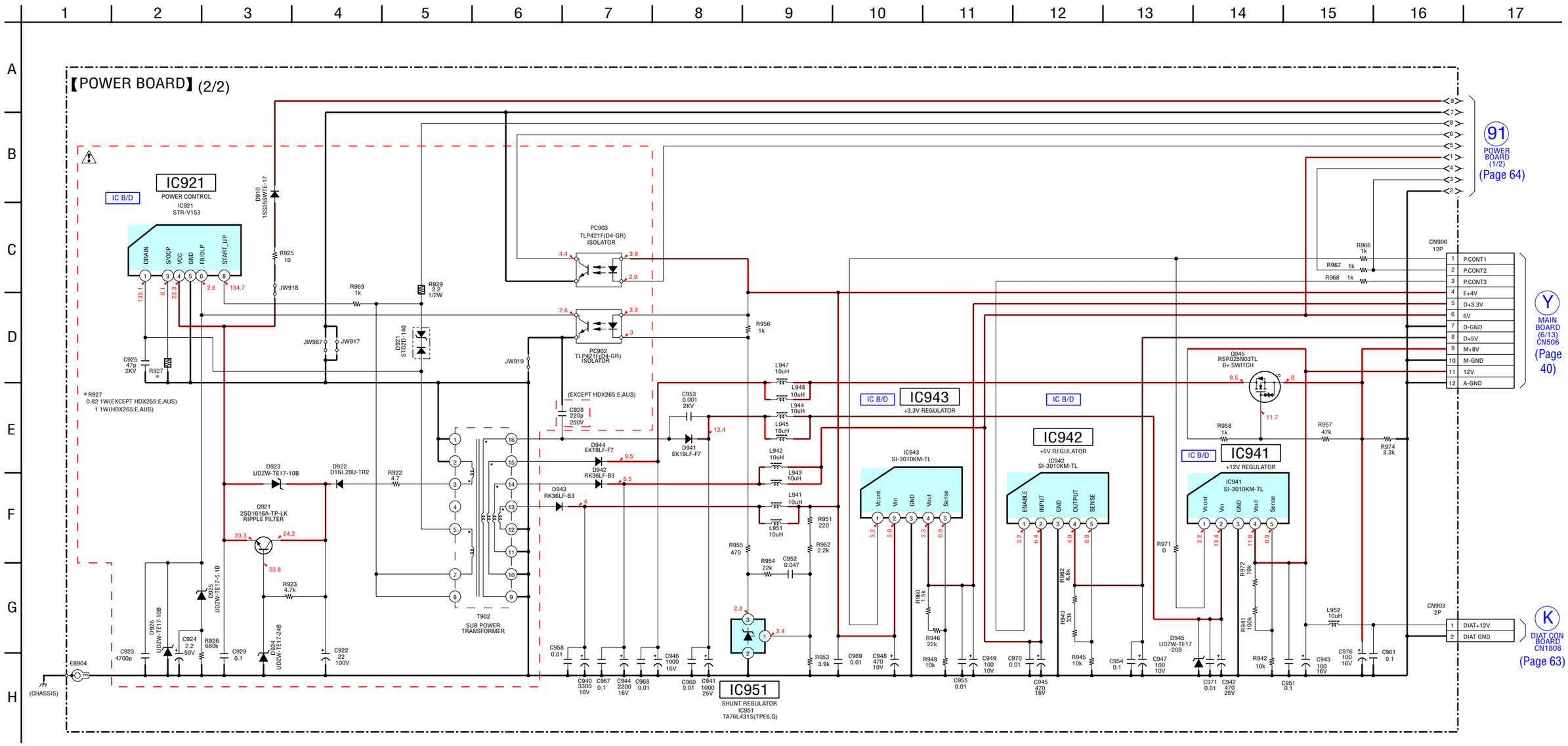
6-35. SCHEMATIC DIAGRAM – POWER Board (1/2) –

• See page 69 for IC Block Diagrams.



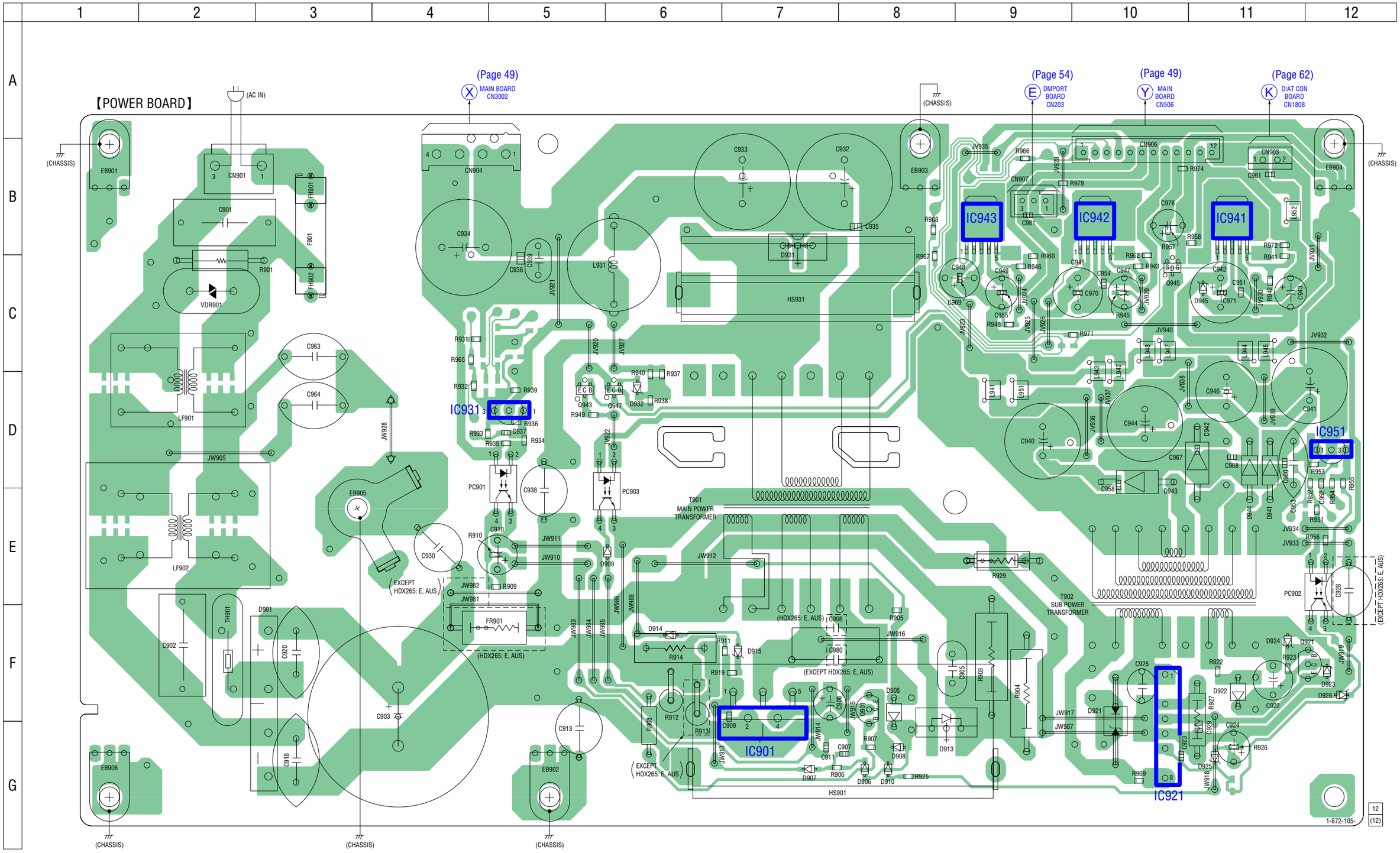
6-36. SCHEMATIC DIAGRAM – POWER Board (2/2) –

• See page 69 for IC Block Diagrams.



6-37. PRINTED WIRING BOARD – POWER Board –

• See page 34 for Circuit Boards Location. : Uses unleaded solder.



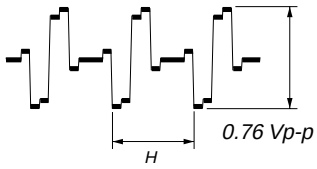
• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D901	F-3	D914	F-6	D931	B-7	IC901	G-7	Q901	F-8
D905	F-8	D915	F-7	D932	D-6	IC921	G-10	Q921	F-12
D906	G-8	D921	F-10	D941	D-11	IC931	D-5	Q943	D-5
D907	G-7	D922	F-11	D942	D-11	IC941	B-11	Q945	C-10
D908	G-8	D923	F-12	D943	D-10	IC942	B-10	Q947	D-6
D909	E-6	D924	F-11	D944	D-11	IC943	B-9		
D910	G-8	D925	G-11	D945	C-11	IC951	D-12		
D913	G-8	D926	F-12						

• **Waveforms**

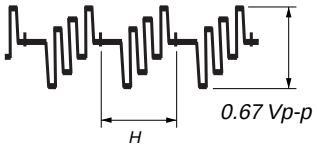
– MAIN Board –

① IC1101 ⑱② (R/Cr/Pr)



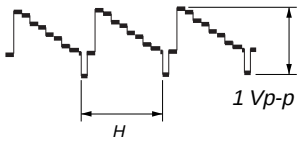
500 mV/DIV, 20 µs/DIV

② IC1101 ⑱③ (B/Cb/Pb)



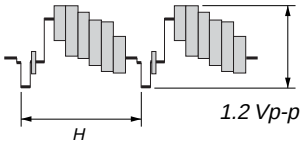
500 mV/DIV, 20 µs/DIV

③ IC1101 ⑱⑤ (Y/G)



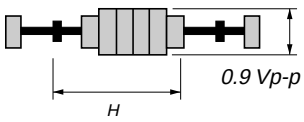
500 mV/DIV, 20 µs/DIV

④ IC1101 ⑱⑦ (CVBS)



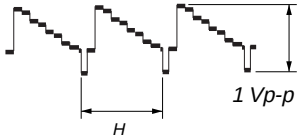
500 mV/DIV, 20 µs/DIV

⑤ IC1101 ⑱⑨ (C)



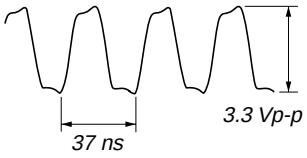
500 mV/DIV, 20 µs/DIV

⑥ IC1101 ⑲① (Y)



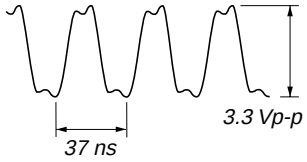
500 mV/DIV, 20 µs/DIV

⑦ IC1101 ㉞ (XTALI)



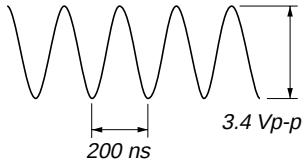
1 V/DIV, 20 ns/DIV

⑧ IC1111 ⑥



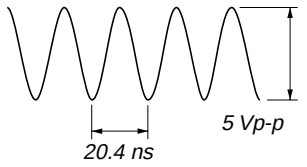
1 V/DIV, 20 ns/DIV

⑨ IC501 ⑬ (XOUT)



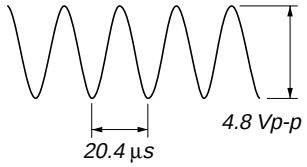
1 V/DIV, 100 ns/DIV

⑪ IC3051 ④ (OUT)



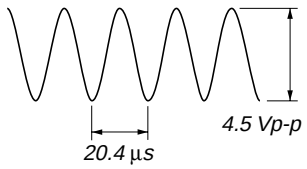
1 V/DIV, 20 ns/DIV

⑫ IC3010 ㊽ (XFSOIN)



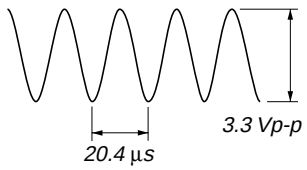
1 V/DIV, 20 ns/DIV

⑬ IC3010 ⑭ (XFSOOUT)



1 V/DIV, 20 ns/DIV

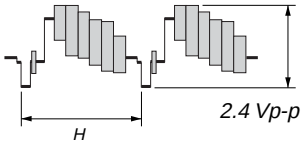
⑭ IC3020 ㊽ (XFSOIN)



1 V/DIV, 20 ns/DIV

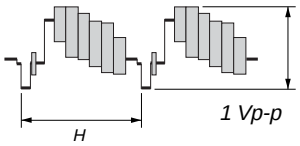
– IO Board –

(71) IC301 ② (OUT) (DVD Play mode)



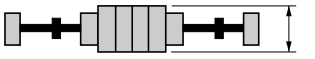
1 V/DIV, 20 µs/DIV

(72) IC301 ⑥ (IN1) (DVD Play mode)



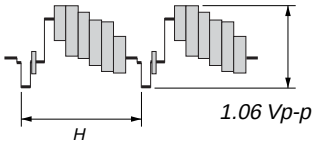
500 mV/DIV, 20 µs/DIV

(73) IC302 ② (Cin) (DVD Play mode)



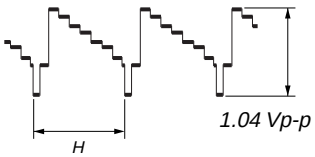
500 mV/DIV, 20 µs/DIV

(74) IC302 ④ (CVBSin) (DVD Play mode)



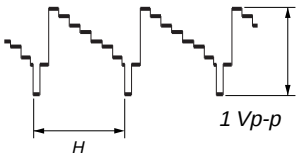
500 mV/DIV, 20 µs/DIV

(75) IC302 ⑥ (Y in) (DVD Play mode)



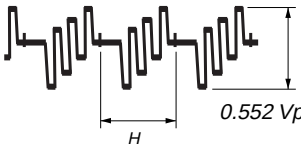
500 mV/DIV, 20 µs/DIV

(76) IC302 ⑩ (CY in) (DVD Play mode)



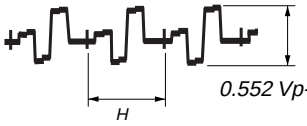
500 mV/DIV, 20 µs/DIV

(77) IC302 ⑫ (Cb in) (DVD Play mode)



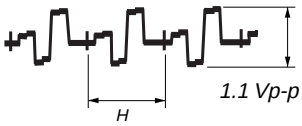
200 mV/DIV, 20 µs/DIV

(78) IC302 ⑭ (Cr in) (DVD Play mode)



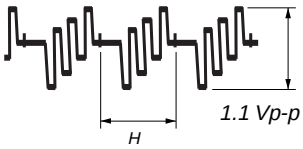
200 mV/DIV, 20 µs/DIV

(79) IC302 ⑯ (Cr OUT) (DVD Play mode)



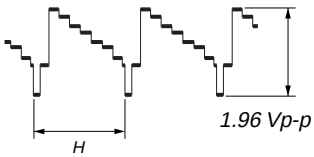
500 mV/DIV, 20 µs/DIV

(80) IC302 ⑱ (Cb OUT) (DVD Play mode)



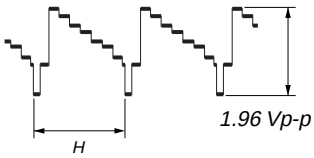
500 mV/DIV, 20 µs/DIV

(81) IC302 ⑳ (CY OUT) (DVD Play mode)



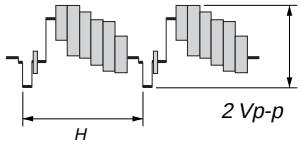
500 mV/DIV, 20 µs/DIV

(82) IC302 ㉑ (Y OUT) (DVD Play mode)



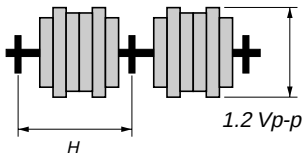
500 mV/DIV, 20 µs/DIV

(83) IC302 ㉓ (CVBS OUT) (DVD Play mode)



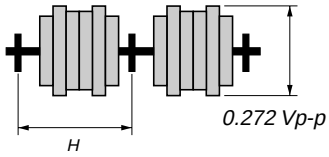
500 mV/DIV, 20 µs/DIV

(84) IC302 ㉖ (C OUT) (DVD Play mode)



500 mV/DIV, 20 µs/DIV

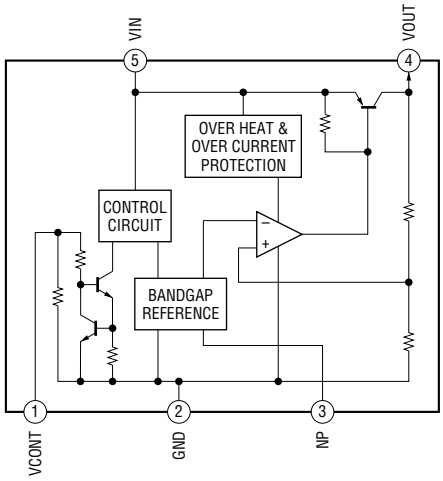
(85) IC302 ㉗ (S-DC OUT) (DVD Play mode)



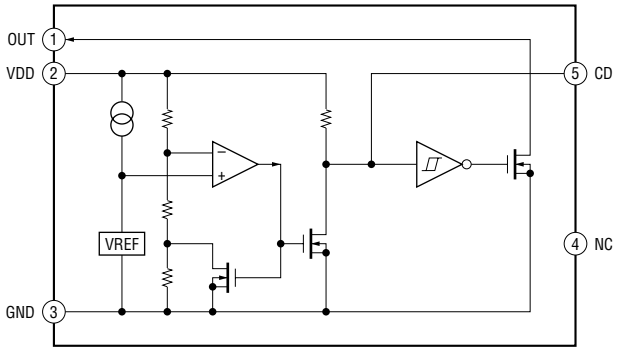
100 mV/DIV, 20 µs/DIV

• **IC Block Diagrams**
– MAIN Board –

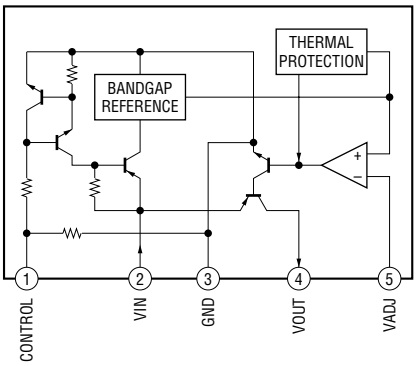
IC502, 1105, 1107, 1703 TK11133CSCL-G
IC1702, 3050 TK11118CSCL-G
IC1707 TK11150CSCL-G



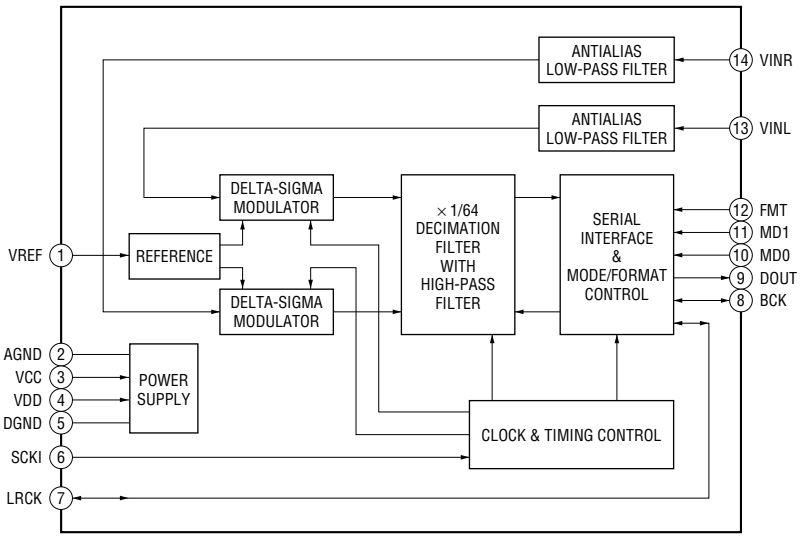
IC503 PST3635NR



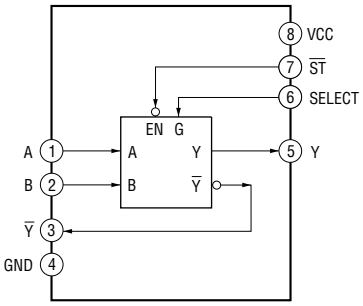
IC504 NJM2887DL3 (TE2)



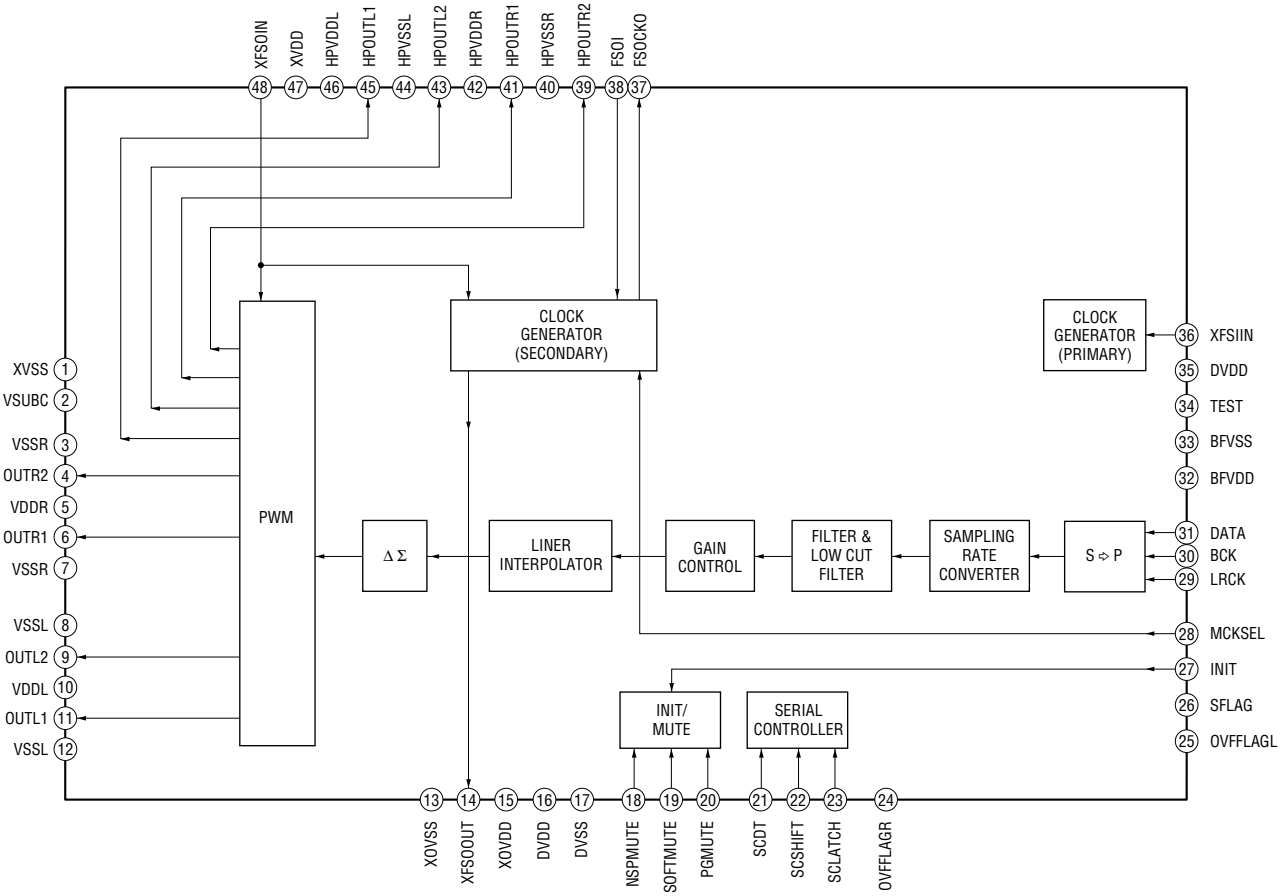
IC772 PCM1808PWR



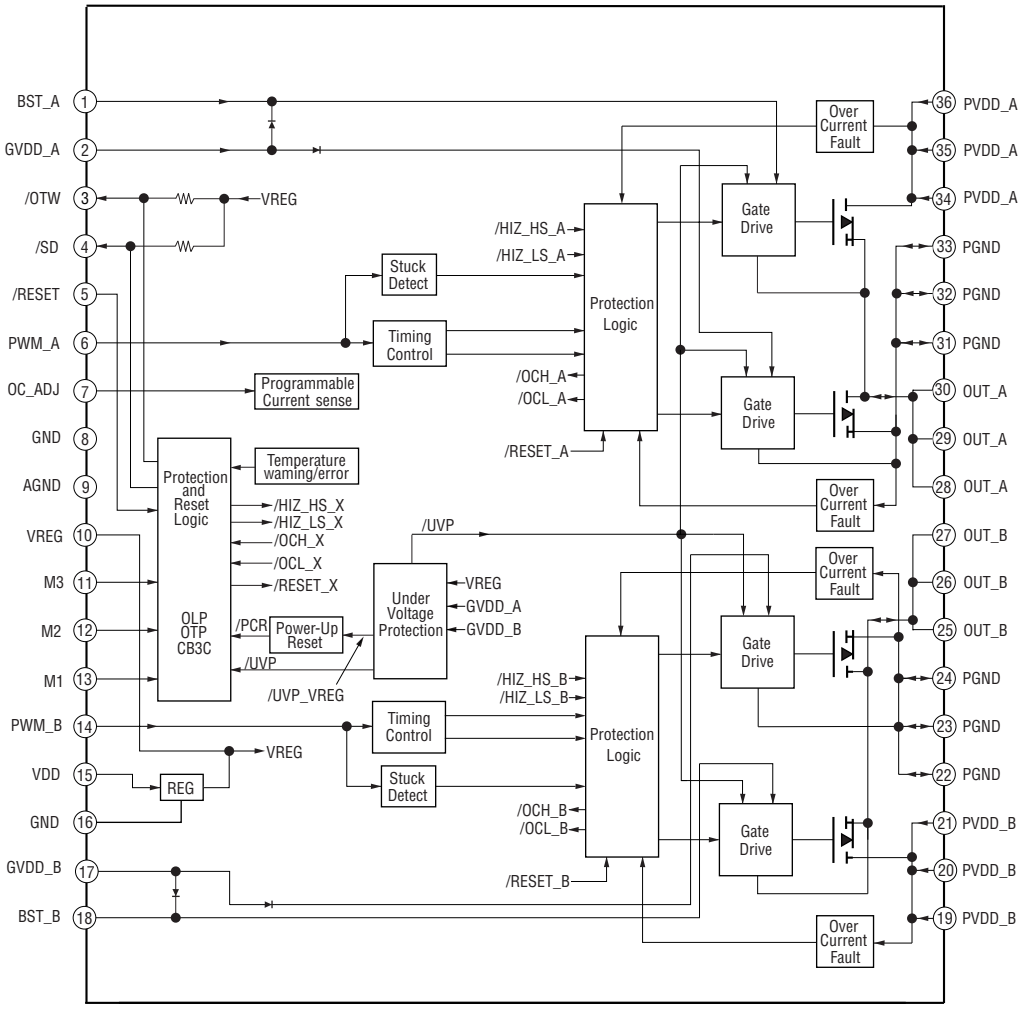
IC3003 TC7WH157FK (TE85R)



IC3010, 3020, 3030 CXD9843AR

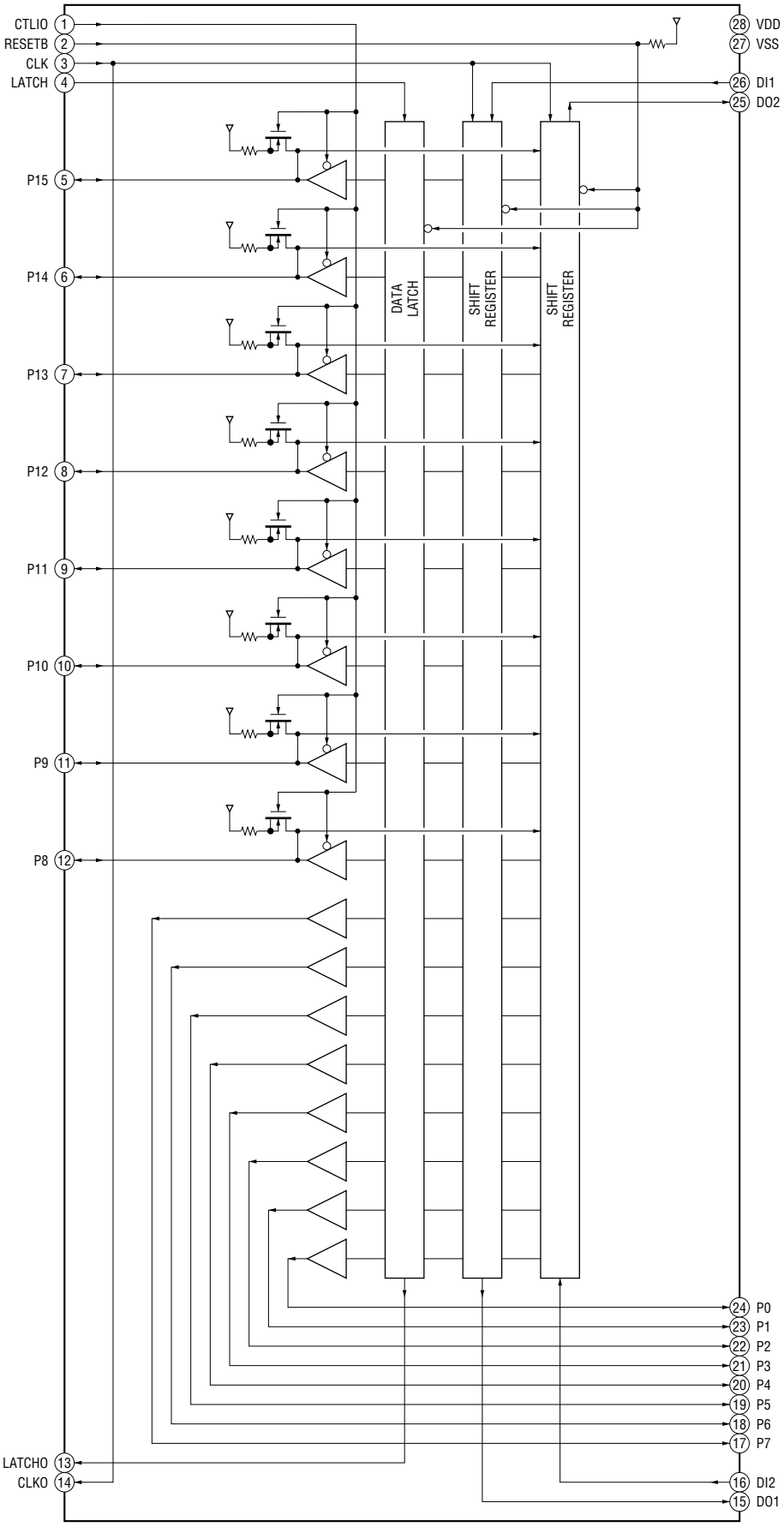


IC3100, 3150, 3200, 3250, 3300, 3400, 3500 CXD9883M



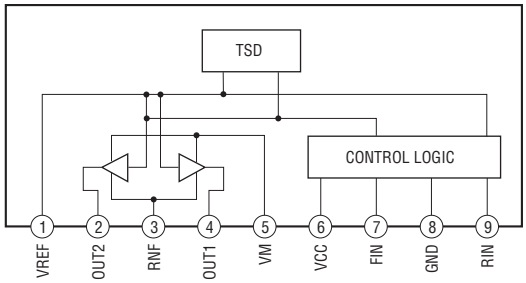
– SIRIPARA Board –

IC621, 622 BH2210FV-E2



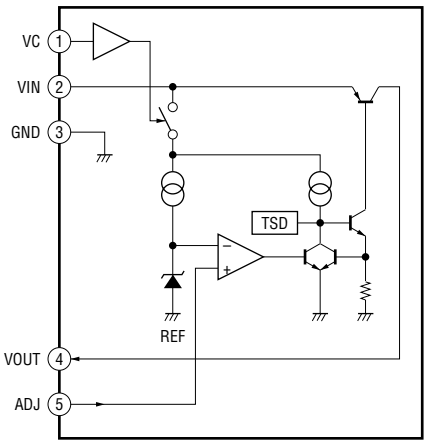
– RELAY Board –

IC701, 711 BA6956AN



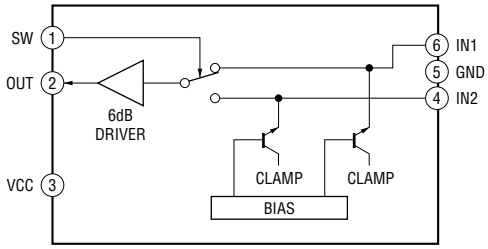
– DMPORT Board –

IC201 SI-3010KM-TL

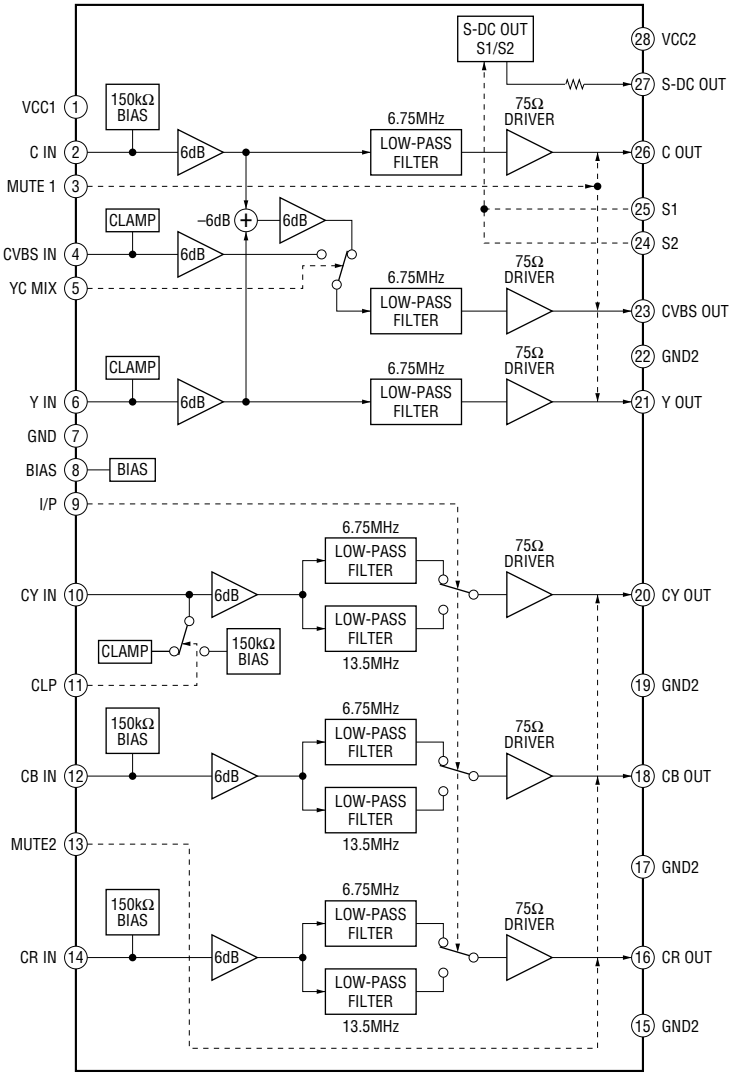


– IO Board –

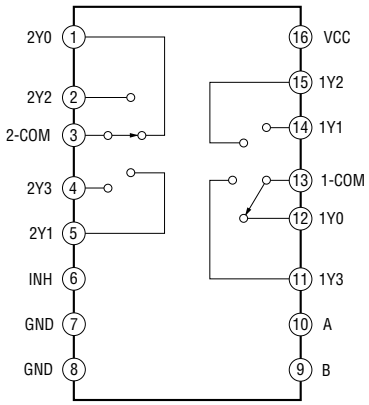
IC301 MM1508XNRE



IC302 MM1758AFBE

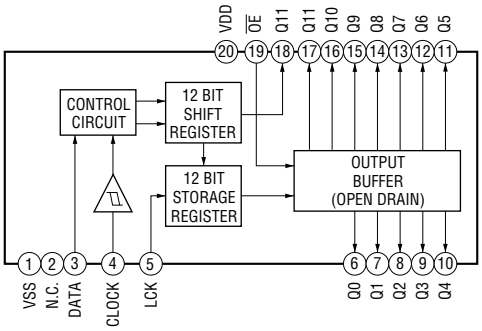


IC303 MC14052 BDR2

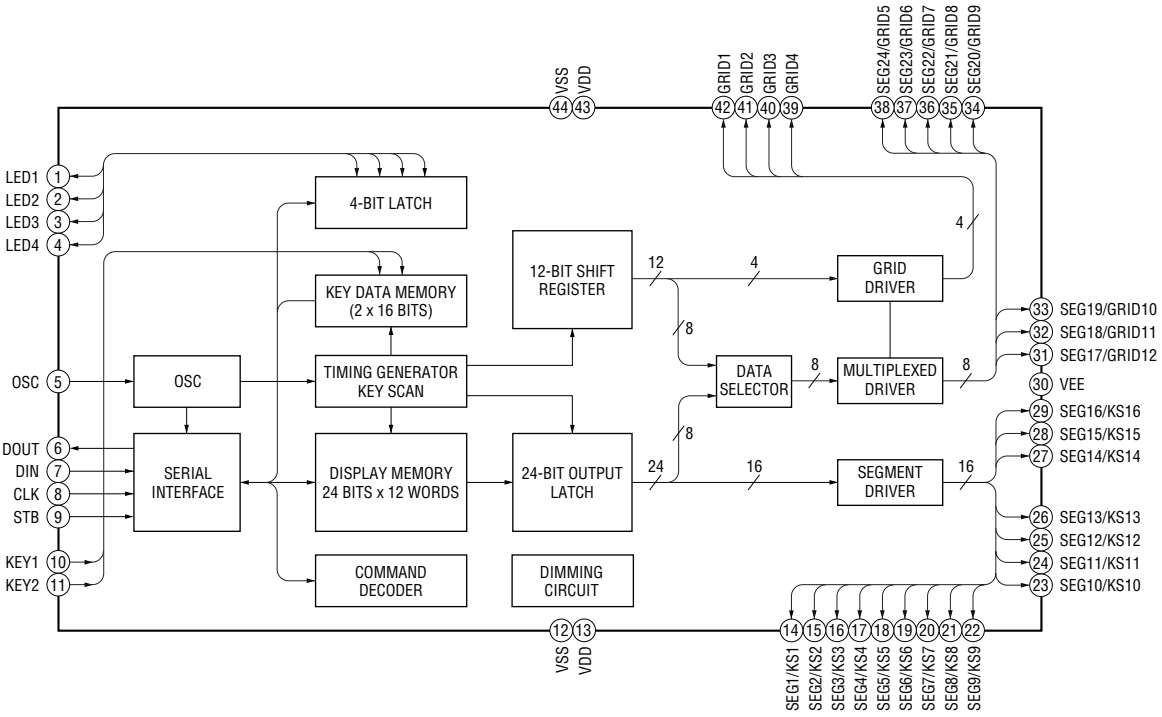


– FL Board –

IC802 BU2099FV

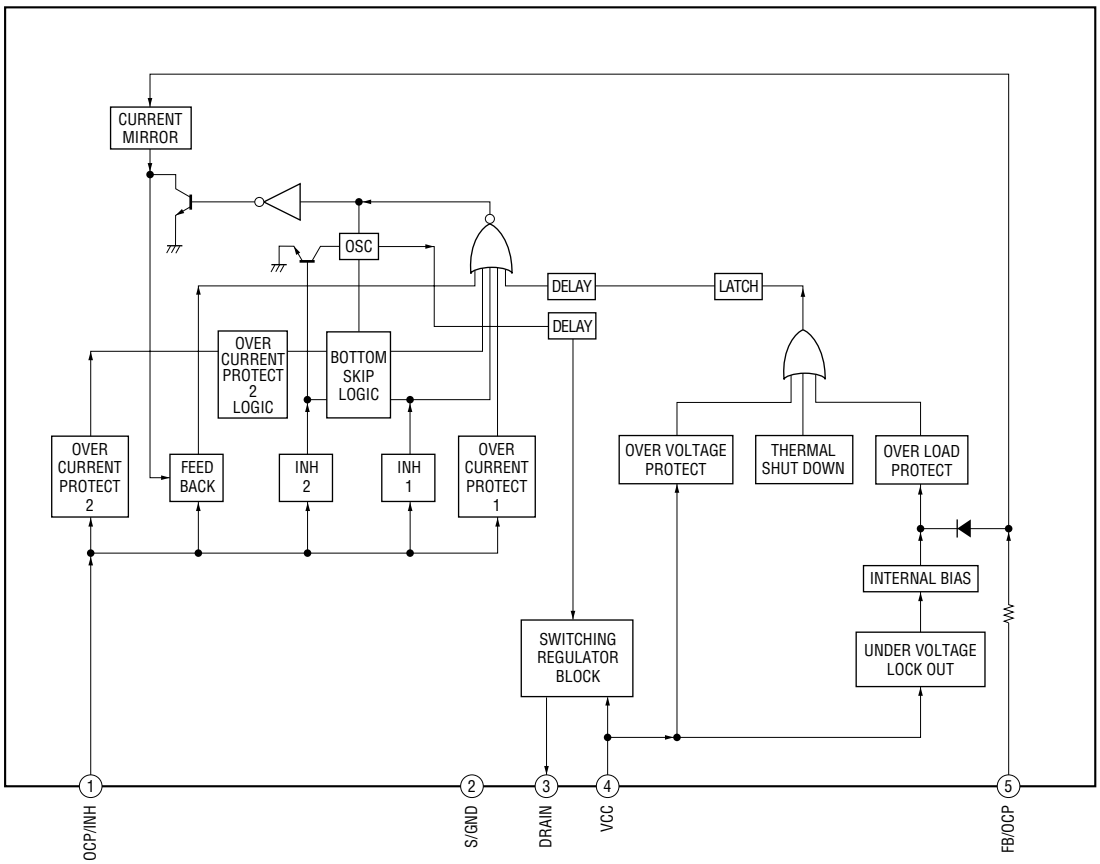


IC804 µPD16315GB-3BS

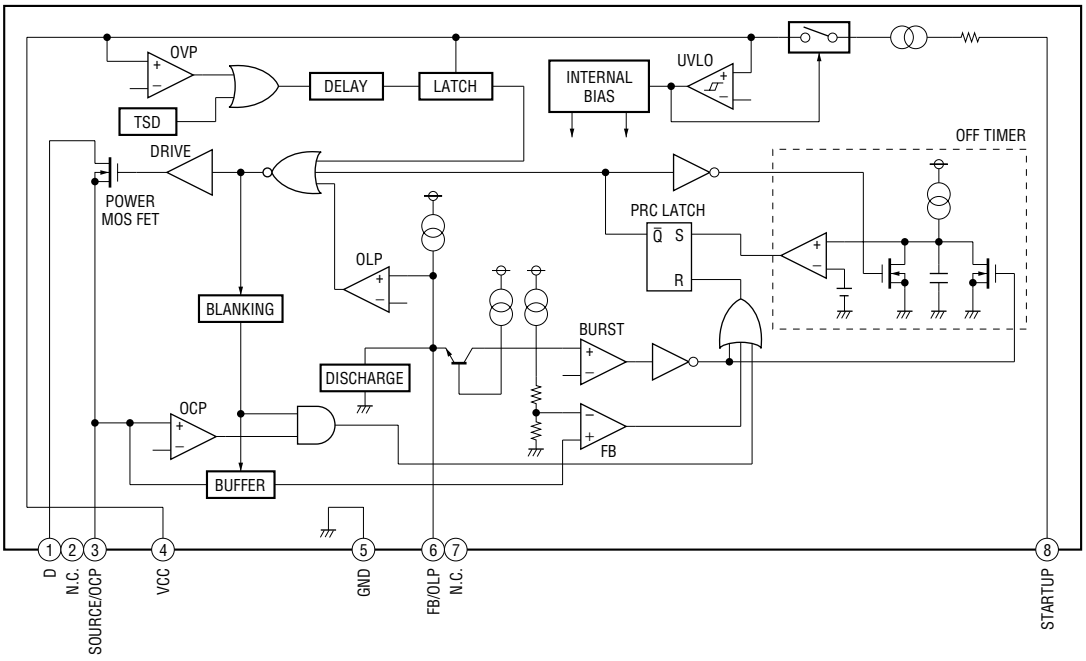


– POWER Board –

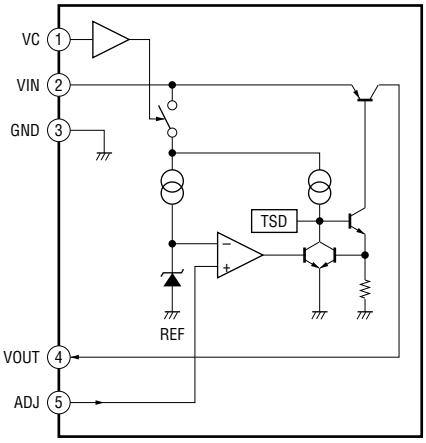
IC901 STR-F6138-LF1352 (Except HDX265: E, Australian models)
IC901 STR-F6168-LF1352 (HDX265: E, Australian models)



IC921 STR-V153



IC941, 942, 943 SI-3010KM-TL



- **IC Pin Function Description**

MAIN BOARD IC501 M30622MGP-A58FPU0 (SYSTEM CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	DAMP_SCDT/ DIAT_SDATA	O	Serial data output to the stream processor, DIR-TC1 slot
2	DAMP_SHIFT/ DIAT_SCLK	O	Serial data transfer clock signal output to the stream processor, DIR-TC1 slot
3	CEC_RX_IN	I	CEC serial data input from the HDMI OUT connector
4	SIRCS_IN	I	SIRCS signal input from the remote control receiver
5 to 7	NO USE	O	Not used
8	BYTE	I	External data bus width selection signal input terminal Fixed at "L" in this set
9	CNVSS	I	Processor mode switch input terminal (for test) Fixed at "L" in this set
10, 11	EN_A, EN_B	I	Jog dial pulse input from the rotary encoder (for VOLUME)
12	RESET	I	System reset signal input from the reset signal generator "L": reset For several hundreds msec. after the power supply rises, "L" is input, then it change to "H"
13	XOUT	O	Main system clock output terminal (5 MHz)
14	VSS	-	Ground terminal
15	XIN	I	Main system clock input terminal (5 MHz)
16	VCC	-	Power supply terminal (+3.3V)
17	NMI	I	Non-maskable interrupt input terminal Fixed at "H" in this set
18	NO USE	O	Not used
19	A.CAL_OUT_ LEVEL	I	Output level detect terminal for the auto calibration
20	AC_CUT	I	AC cut detection signal input terminal "L": AC cut on
21	FL_CLK/ LED_CLK	O	Serial data transfer clock signal output to the LED driver and fluorescent indicator tube driver
22	CEC_TX_OUT	O	CEC serial data output to the HDMI OUT connector
23	DIAT_CSOD	I	Captor start delay signal input from the DIR-TC1 slot
24	FL_D_OUT/ LED_DATA	O	Serial data output to the LED driver and fluorescent indicator tube driver
25	NO USE	O	Not used
26	MIC_GAIN	O	MIC gain control signal output terminal
27	CDM_OPEN_SW	I	Disc insert (8/12cm) detect switch input terminal "L": disc insert
28	DC_CONT	O	Muting on/off control signal output terminal
29	CLINK_RX_IN	I	Serial data input from the DMPORT connector
30	CLINK_TX_OUT	O	Serial data output to the DMPORT connector
31	DVD_SID	O	Serial data output to the servo DSP
32	DVD_SOD	I	Serial data input from the servo DSP
33	DVD_SCO	I	Serial data transfer clock signal input from the servo DSP
34	DVD_XIFBUSY	O	Busy signal output to the servo DSP
35, 36	NO USE	O	Not used
37	DVD XIFCS	I	Chip select signal input from the servo DSP
38	MTK RST	O	Reset signal output to the servo DSP and flash memory "L": reset
39 to 41	P_CONT1 to P_CONT3	O	Power on/off control signal output terminal "H": power on
42	DRIVE_RST (EN)	O	Reset signal output to the digital power amplifier "L": reset
43	DRIVE_OCP (DIAG)	I	Shut down state input from the digital power amplifier "L": shut down

Pin No.	Pin Name	I/O	Description
44, 45	OVERFLOW1, OVERFLOW2	I	Over flow status input from the stream processor
46	WRITE CE	I	Flash write CE Not used (Fixed to at "H" (E3.3V))
47 to 49	DAMP LATCH1 to DAMP LATCH3	O	Serial data latch pulse signal output to the stream processor
50	DAMP INIT	O	Reset signal output to the stream processor "L": reset
51	DAMP SOFT MUTE	O	Soft muting on/off control signal output to the stream processor "L": muting on
52	HP_SW	I	Headphone detection signal input terminal
53	HP_MUTE	O	Muting on/off control signal output terminal
54, 55	NO USE	O	Not used
56	FL_CS	O	Chip select signal output to the fluorescent indicator tube driver
57	DC_DET	I	DC offset detection signal input terminal
58 to 61	NO USE	O	Not used
62	VCC	-	Power supply terminal (+3.3V)
63	MIC/A.CAL SW	I	Audio code detection signal input from the AUDIO IN/A.CAL MIC jack
64	VSS	-	Ground terminal
65	DIAT_XRST	O	Reset signal output to the DIR-TC1 slot "L": reset
66	DIAT_XSCEN	O	Chip enable signal output to the DIR-TC1 slot
67	NO USE	O	Not used
68	TUNED	I	Tuning detection signal input from the tuner (FM/AM) "L": tuned
69	ST_CLK	O	Serial data transfer clock signal output to the tuner (FM/AM)
70	ST_DO	I	Serial data input from the tuner (FM/AM)
71	ST_CE	O	Serial chip enable signal output to the tuner (FM/AM)
72	ST_DI	O	Serial data output to the tuner (FM/AM)
73	NO USE	O	Not used
74	KEY INT	I	Wake up signal input terminal
75, 76	NO USE	O	Not used
77	DIAT_DET	I	Connect detection signal input from the DIR-TC1 slot
78	NO USE	O	Not used
79	M_ST	O	Data selection signal output terminal for amplifier section
80	NO USE	O	Not used
81	LED_LATCH	O	Serial data latch pulse signal output to the LED driver
82, 83	V_SEL0, V_SEL1	O	Video signal input selection signal output terminal Not used
84	IO_CE	O	Serial data latch pulse signal output to the changer control
85	IO_RESET	O	Reset signal output to the changer control "L": reset
86	IO_DI	O	Serial data output to the changer control
87	IO_DO	I	Serial data input from the changer control
88	IO_CLK	O	Serial data transfer clock signal output to the changer control
89	CLINK_DET	I	Connect detection signal input from the DMPORT jack
90	MONO/ST_DET	I	MONO or STEREO detection signal input terminal
91	A.CAL MIC LEVEL	I	MIC level detection terminal for the AUDIO IN/A.CAL MIC jack
92	DESTINATION	I	Setting terminal for the destination
93	MODEL	I	Setting terminal for the model
94, 95	KEY2, KEY1	I	Front panel key input terminal (A/D input)
96	VSS	-	Ground terminal

Pin No.	Pin Name	I/O	Description
97	KEY0	I	Front panel key input terminal (A/D input)
98	VREF	-	Reference voltage (+3.3V) terminal
99	VCC	-	Power supply terminal (+3.3V)
100	DIR_HDOUT	I	Read data input terminal Not used

MAIN BOARD IC1101 CXD9889R (RF AMP, SERVO DSP, MPEG DECODER)

Pin No.	Pin Name	I/O	Description
1	AGND	-	Ground terminal
2	DVDA	I	AC coupled input path A
3	DVDB	I	AC coupled input path B
4	DVDC	I	AC coupled input path C
5	DVDD	I	AC coupled input path D
6	DVDRFIP	I	AC coupled DVD RF signal input from the optical pick-up block
7	DVDRFIN	I	AC coupled DVD RF signal input terminal Not used
8	MA	I	DC coupled main-beam RF signal input A
9	MB	I	DC coupled main-beam RF signal input B
10	MC	I	DC coupled main-beam RF signal input C
11	MD	I	DC coupled main-beam RF signal input D
12	SA	I	DC coupled sub-beam RF signal input A Not used
13	SB	I	DC coupled sub-beam RF signal input B Not used
14	SC	I	DC coupled sub-beam RF signal input C Not used
15	SD	I	DC coupled sub-beam RF signal input D Not used
16	CDFON	I	CD focusing error negative input terminal Not used
17	CDFOP	I	CD focusing error positive input terminal Not used
18	TNI	I	3 beam satellite PD signal negative input from the optical pick-up block
19	TPI	I	3 beam satellite PD signal positive input from the optical pick-up block
20, 21	MDI1, MDI2	I	Laser power monitor input from the optical pick-up block
22	LDO2	O	Laser diode drive signal output to the optical pick-up block (for DVD)
23	LDO1	O	Laser diode drive signal output to the optical pick-up block (for CD)
24	SVDD3	-	Power supply terminal (+3.3V)
25	CSO	O	Central servo signal output terminal Not used
26	RFLVL	O	RFRP low pass output terminal Not used
27	SGND	-	Ground terminal
28	V2REFO	O	Reference voltage (+2.8V) output terminal Not used
29	V2O	O	Reference voltage (+2V) output to the optical pick-up block
30	VREFO	O	Reference voltage (+1.4V) output terminal
31	FEO	O	Focus error monitor output terminal Not used
32	TEO	O	Tracking error monitor output terminal Not used
33	TEZISLV	O	Slice level of tracking error signal output terminal Not used
34	OPOUT	O	Output from the internal operational amplifier Not used
35	OP_INN	I	Negative input to the internal operational amplifier Not used
36	OP_INP	I	Positive input to the internal operational amplifier Not used
37	DMO	O	Spindle motor control signal output to the motor driver
38	FMO	O	Sled motor control signal output to the motor driver
39	TROPENPWM	O	Loading motor control signal output terminal Not used
40	IOPMON	I	Power monitor terminal
41	TRO	O	Tracking coil control signal output to the coil driver
42	FOO	O	Focus coil control signal output to the coil driver
43	VPLLVSS	-	Ground terminal
44	VPLLCAP	-	Not used
45	VPLLVDD3	-	Power supply terminal (+3.3V)
46	USB_VSS	-	Ground terminal
47, 48	RESERVED	-	Not used

Pin No.	Pin Name	I/O	Description
49	USB_VDD3	-	Power supply terminal (+3.3V)
50	SPFG	I	Spindle motor hall sensor input from the motor driver
51	MSW	O	CD/DVD selection signal output terminal "L": CD, "H": DVD
52	CKSW	I	Chucking detection switch input terminal Not used
53	OCSW	I	Disc table open/close detection switch input terminal Not used
54	EEWP	O	Write protect signal output to the EEPROM
55	DVDD18	-	Power supply terminal (+1.8V)
56 to 64	HA2 to HA8, HA18, HA19	O	Address signal output to the flash ROM
65	DVDD3	-	Power supply terminal (+3.3V)
66	XWR	O	Write enable signal output to the flash ROM
67 to 75	HA16 to HA9, HA20	O	Address signal output to the flash ROM
76	XROMCS	O	Chip select signal output to the flash ROM
77	HA1	O	Address signal output to the flash ROM
78	XRD	O	Read enable signal output to the flash ROM
79, 80	HD0, HD1	I/O	Two-way data bus terminal with the flash ROM
81	DVSS	-	Ground terminal
82 to 86	HD2 to HD6	I/O	Two-way data bus terminal with the flash ROM
87	HA21	O	Address signal output to the flash ROM
88	RESERVED	-	Not used
89	HD7	I/O	Two-way data bus terminal with the flash ROM
90	DVSS	-	Ground terminal
91, 92	HA17, HA0	O	Address signal output to the flash ROM
93	DVDD18	-	Power supply terminal (+1.8V)
94, 95	RESERVED	-	Not used
96	DVDD3	-	Power supply terminal (+3.3V)
97	IFSDO	O	Serial data output to the system controller
98	IFCK	O	Serial data transfer clock signal output to the system controller
99	xIFCS	O	Chip select signal output to the system controller
100	IFSDI	I	Serial data input from the system controller
101	SCL	O	Serial data transfer clock signal output to the EEPROM and HDMI transmitter
102	SDA	I/O	Two-way data bus with the EEPROM and HDMI transmitter
103	HDMI_SCL	O	Serial data transfer clock signal output to the HDMI OUT connector
104	HDMI_SDA	I/O	Two-way data bus with the HDMI OUT connector
105	RXD	I	Receive data input terminal for UART communication when data writing to flash memory
106	TXD	O	Transmit data output terminal for UART communication when data writing to flash memory
107	ICE	I	ICE mode enable signal input terminal Not used
108	xSYSRST	I	Reset signal input from the system controller "L": reset
109	RESERVED	-	Not used
110	xTXINT	O	Interrupt request signal output terminal Not used
111	DQM0	O	Data mask signal output to the SD-RAM
112	IFBSY	I	Busy signal input from the system controller
113 to 117	RD7 to RD3	I/O	Two-way data bus with the SD-RAM
118	DVDD3	-	Power supply terminal (+3.3V)
119 to 129	RD2 to RD0, RD15 to RD8	I/O	Two-way data bus with the SD-RAM
130	LIMITSW	I	Limit detection switch input terminal

Pin No.	Pin Name	I/O	Description
131	DVDD3	-	Power supply terminal (+3.3V)
132	DQM1	O	Data mask signal output to the SD-RAM
133	RWE	O	Write enable signal output to the SD-RAM
134	CAS	O	Column address strobe signal output to the SD-RAM
135	RAS	O	Row address strobe signal output to the SD-RAM
136	RCS	O	Chip select signal output to the SD-RAM
137, 138	BA0, BA1	O	Bank address signal output to the SD-RAM
139 to 141	RA10, RA0, RA1	O	Address signal output to the SD-RAM
142	DVDD18	-	Power supply terminal (+1.8V)
143, 144	RA2, RA3	O	Address signal output to the SD-RAM
145	DVDD3	-	Power supply terminal (+3.3V)
146	DRCLK	O	Serial data transfer clock signal output to the SD-RAM
147	CKE	O	Clock enable signal output to the SD-RAM
148	DVSS	-	Ground terminal
149 to 155	RA11, RA9 to RA4	O	Address signal output to the SD-RAM
156	DVDD3	-	Power supply terminal (+3.3V)
157 to 159	SMPTE_Y (7) to SMPTE_Y (5)	O	Video signal output to the HDMI transmitter
160	DVDD18	-	Power supply terminal (+1.8V)
161 to 165	SMPTE_Y (4) to SMPTE_Y (0)	O	Video signal output to the HDMI transmitter
166	VCLK	O	System clock (27 MHz) signal output to the HDMI transmitter
167	MIC	-	Not used
168	TSD_M	O	Thermal shut down signal output to the motor/coil driver
169	MUTE	O	Muting signal output to the motor/coil driver
170	DVDD3	-	Power supply terminal (+3.3V)
171	MUTE123	O	Muting signal output to the motor/coil driver
172	REV	O	Loading motor drive signal output terminal (reverse direction) Not used
173	FWD	O	Loading motor drive signal output terminal (forward direction) Not used
174	DVDD18	-	Power supply terminal (+1.8V)
175	RGB_SEL	-	Not used
176	Fixed_Low	-	Not used
177	WIDE	O	Normal/squeeze selection signal output to the video amplifier "L": normal, "H": squeeze
178	DVSS	-	Ground terminal
179	VBUS_OE	-	Not used
180	xMAMUTE	-	Not used
181	VBUS_OC	-	Not used
182, 183	R/Cr/Pr, B/Cb/Pb	O	Component video signal output to the video amplifier
184	DACVSSA	-	Ground terminal
185	Y/G	O	Component video signal output to the video amplifier
186	DACVDDA	-	Power supply terminal (+3.3V)
187	CVBS	O	Video signal output to the video amplifier
188	DACVSSB	-	Ground terminal
189	C	O	Chroma signal output to the video amplifier
190	DACVDDB	-	Power supply terminal (+3.3V)

Pin No.	Pin Name	I/O	Description
191	Y	O	Y signal output to the video amplifier
192	DACVSSC	-	Ground terminal
193	CIN	-	Not used
194	FS	-	Full scale adjustment terminal
195	VREF	-	For reference voltage terminal
196	DACVDDC	-	Power supply terminal (+3.3V)
197	ASDATA0	O	Audio serial data output to the HDMI transmitter
198	TRG_SW	I	Trigger detection switch input terminal Not used
199	SCORE	-	Not used
200	XVOICE	-	Not used
201	Fixed_Low	-	Not used
202, 203	ASDATA1, ASDATA2	O	Audio serial data output to the stream processor
204 to 207	Fixed_Low	-	Not used
208	DVDD3	-	Power supply terminal (+3.3V)
209	ALRCK	O	L/R sampling clock signal output to the HDMI transmitter and A/D converter
210	ABCK	O	Bit clock signal output to the HDMI transmitter and A/D converter
211	ACLK	O	Master clock signal output to the HDMI transmitter and A/D converter
212	ADIN	I	Audio serial data input from the A/D converter
213	DVDD18	-	Power supply terminal (+1.8V)
214	ASDATA4	O	Audio serial data output to the stream processor
215	MC_DATA	-	Not used
216	SPDIF	O	SPDIF digital audio signal output to the HDMI transmitter
217	APLLVDD3	-	Power supply terminal (+3.3V)
218	APLLCAP	-	Connection terminal for an external capacitor
219	APLLVSS	-	Ground terminal
220, 221	ADACVSS2, ADACVSS1	-	Ground terminal
222	KMOD	-	Not used
223	PWON	O	Power down signal output to the HDMI controller "L": power down
224	RcH	-	Not used
225	AVCM	-	Not used
226	Lch	-	Not used
227	DSEL	-	Not used
228	xRST	-	Not used
229, 230	ADACVDD1, ADACVDD2	-	Power supply terminal (+3.3V)
231	RFGND18	-	Ground terminal
232	RFVDD18	-	Power supply terminal (+1.8V)
233	XTALO	O	System clock output terminal Not used
234	XTALI	I	System clock (27 MHz) signal input terminal
235	JITFO	O	Output terminal of the RF jitter meter
236	JITFN	I	Input terminal of the RF jitter meter
237	PLLVSS	-	Ground terminal
238	IDACEXLP	-	Not used
239	PLLVDD3	-	Power supply terminal (+3.3V)
240	LPFON	O	Data PLL loop filter output terminal
241	LPFIP	I	Data PLL loop filter input terminal

Pin No.	Pin Name	I/O	Description
242	LPFIN	I	Data PLL loop filter input terminal
243	LPFOP	O	Data PLL loop filter output terminal
244	ADCVDD3	-	Power supply terminal (+3.3V)
245	ADCVSS	-	Ground terminal
246	RFVDD3	-	Power supply terminal (+3.3V)
247	RFRPDC	O	RF ripple detect output terminal
248	RFRPAC	I	RF ripple detect input terminal
249	HRFZC	I	High frequency RF ripple zero crossing terminal
250	CRTPLP	O	Defect level filter capacitor connecting terminal
251	RFGND	-	Ground terminal
252	OSP	O	RF offset cancellation capacitor connecting terminal
253	OSN	O	RF offset cancellation capacitor connecting terminal
254	RFGC	O	RF AGC loop capacitor connecting for DVD-ROM
255	IREF	I	Reference current input terminal
256	AVDD3	-	Power supply terminal (+3.3V)

MAIN BOARD IC1701 CXD9873Q (HDMI TRANSMITTER)

Pin No.	Pin Name	I/O	Description
1	DVSS	-	Ground terminal (digital system)
2 to 9	C0 to C7	I	Digital chroma signal input terminal Not used
10	DVDD33	-	Power supply terminal (+3.3V) (digital system)
11	VCK	I	System clock (27 MHz) signal input from the servo DSP
12	DVSS	-	Ground terminal (digital system)
13 to 20	Y0 to Y7	I	Video signal input from the servo DSP
21	SSCK	I	Serial data transfer clock signal input from the servo DSP
22	SSO	I/O	Two-way data bus with the servo DSP
23	DVDD18	-	Power supply terminal (+1.8V) (for digital core)
24	#PWON	I	Power down signal input from the servo DSP "L": power down
25	#RST	I	Reset signal input from the servo DSP "L": reset
26	CLK	I	System clock (27 MHz) signal input terminal
27	INT	O	Interrupt signal output terminal Not used
28	DVSS	-	Ground terminal (digital system)
29, 30	A7, A6	-	Not used
31 to 33	TRAP2 to TRAP0	-	Not used
34	MSCK	I	Serial data transfer clock signal input terminal Not used
35	MSD	I/O	Two-way data bus terminal Not used
36	TYPE	-	Not used
37	ASDATA4	-	Not used
38	VSYNC	I	Vertical sync signal input terminal Not used
39	HSYNC	I	Horizontal sync signal input terminal Not used
40	HTPLG	I	HDMI hot-plug detection signal input terminal
41	AVSS	-	Ground terminal (analog system)
42	PLLC0	-	External capacitor ground terminal Not used
43	PLLC1	-	External capacitor connection terminal (for PLL)
44, 45	PLL_AVDD3	-	Power supply terminal (+3.3V) (analog system) (for PLL)
46, 47	AVSS	-	Ground terminal (analog system)
48	TCKN	O	TMDS clock signal (negative) output to the HDMI OUT connector
49	TCKP	O	TMDS clock signal (positive) output to the HDMI OUT connector
50	AVDD3	-	Power supply terminal (+3.3V) (analog system)
51	TX0N	O	TMDS data (negative) output to the HDMI OUT connector
52	TX0P	O	TMDS data (positive) output to the HDMI OUT connector
53	AVSS	-	Ground terminal (analog system)
54	TX1N	O	TMDS data (negative) output to the HDMI OUT connector
55	TX1P	O	TMDS data (positive) output to the HDMI OUT connector
56	AVDD3	-	Power supply terminal (+3.3V) (analog system)
57	TX2N	O	TMDS data (negative) output to the HDMI OUT connector
58	TX2P	O	TMDS data (positive) output to the HDMI OUT connector
59	AVSS	-	Ground terminal (analog system)
60	SWING	I	HDMI output swing adjustment signal input terminal Not used
61	DAC_AVDD3	-	Power supply terminal (+3.3V) (analog system) (for D/A converter)
62	VREF	-	Reference voltage terminal (for D/A converter)
63	FS	-	Full scale adjustment terminal (for D/A converter)
64	AVSS	-	Ground terminal (analog system) (for D/A converter)

Pin No.	Pin Name	I/O	Description
65	DAC_AVDD3	-	Power supply terminal (+3.3V) (analog system) (for D/A converter)
66	AVSS	-	Ground terminal (analog system) (for D/A converter)
67	DAC_AVDD3	-	Power supply terminal (+3.3V) (analog system) (for D/A converter)
68	G	O	Component analog video signal (Y or green) output terminal Not used
69	AVSS	-	Ground terminal (analog system) (for D/A converter)
70	B	O	Component analog video signal (Cb or blue) output terminal Not used
71	R	O	Component analog video signal (Cr or red) output terminal Not used
72	SPDIF	I	SPDIF digital audio signal input from the servo DSP
73	AD3	I	Audio serial data input from the servo DSP
74 to 76	AD2 to AD0	I	Audio serial data input terminal Not used
77	ACK	I	Master clock signal input from the servo DSP
78	ABCK	I	Bit clock signal input from the servo DSP
79	ALRCK	I	L/R sampling clock signal input from the servo DSP
80	DVDD18	-	Power supply terminal (+1.8V) (for digital core)

SECTION 7
EXPLODED VIEWS

NOTE:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Abbreviation
  AUS : Australian model

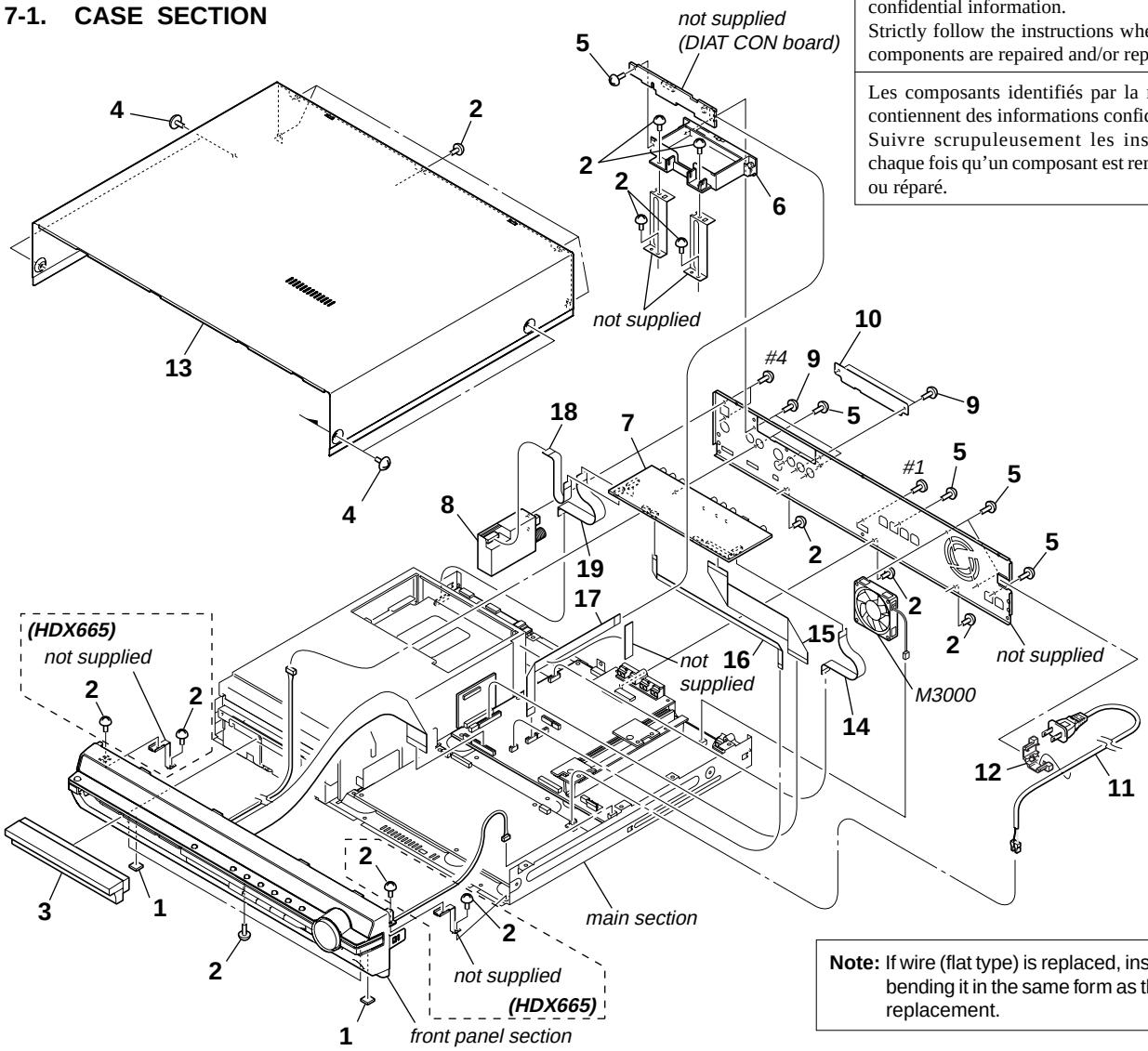
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiquens pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

Les composants identifiés par la marque 🔒 contiennent des informations confidentielles.
Suivre scrupuleusement les instructions chaque fois qu'un composant est remplacé et / ou réparé.

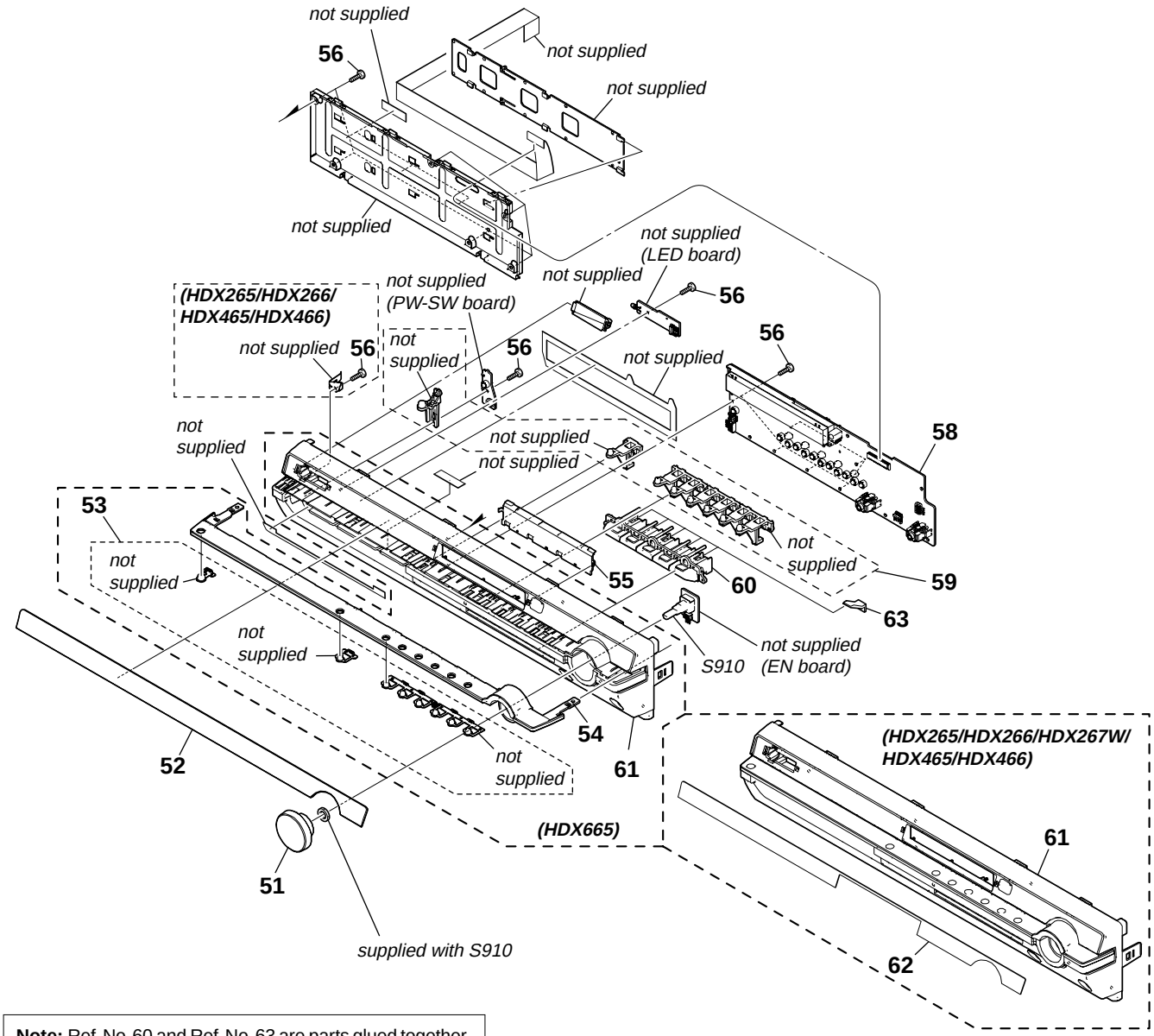
7-1. CASE SECTION



Note: If wire (flat type) is replaced, install it after bending it in the same form as that before replacement.

Ref. No.	Part No.	Description	Remark
1	4-232-478-31	FOOT	
2	3-077-331-21	+BV3 (3-CR)	
3	2-892-552-01	PANEL, LOADING (HDX466/HDX665)	
3	2-892-552-11	PANEL, LOADING (HDX265/HDX266/HDX267W/HDX465)	
4	3-363-099-22	SCREW (CASE 3 TP2) (HDX466/HDX665)	
4	3-363-099-51	SCREW (CASE 3 TP2) (HDX265/HDX266/HDX267W/HDX465)	
5	3-077-331-01	+BV3 (3-CR)	
6	2-892-554-01	CASE (DIAT) (HDX265: US/HDX266/HDX267W/HDX465/HDX466/HDX665)	
6	2-892-554-11	CASE (DIAT) (HDX265: E, AUS)	
7	A-1221-023-A	IO BOARD, COMPLETE	
8	1-693-727-11	TUNER (FM/AM) (HDX265: E, AUS)	
8	1-693-728-11	TUNER (FM/AM) (HDX265: US/HDX266/HDX267W/HDX465/HDX466/HDX665)	
9	3-077-331-11	+BV3 (3-CR)	
10	2-892-739-01	LID (DIAT-P)	
⚠11	1-696-848-81	CORD, POWER (HDX265: AUS)	
⚠11	1-777-071-23	CORD, POWER (HDX265: E)	
⚠11	1-830-190-11	CORD, POWER (HDX265: US/HDX266/HDX267W/HDX465/HDX466/HDX665)	
12	3-703-244-00	BUSHING (2104), CORD	
13	2-893-808-01	CASE (HDX466/HDX665)	
13	2-893-808-21	CASE (HDX265/HDX266/HDX267W/HDX465)	
14	1-828-317-11	WIRE (FLAT TYPE) (11 CORE)	
15	1-828-361-11	WIRE (FLAT TYPE) (19 CORE)	
16	1-828-293-11	WIRE (FLAT TYPE) (5 CORE)	
17	1-828-009-11	WIRE (FLAT TYPE) (11 CORE)	
18	1-828-953-11	WIRE (FLAT TYPE) (9 CORE)	
19	1-828-308-11	WIRE (FLAT TYPE) (9 CORE)	
M3000	1-787-396-11	D.C. FAN (50 SQUARE)	
#1	7-682-547-04	SCREW +B 3X6	
#4	7-685-862-09	SCREW +BVTT 2.6X6 (S)	

7-2. FRONT PANEL SECTION

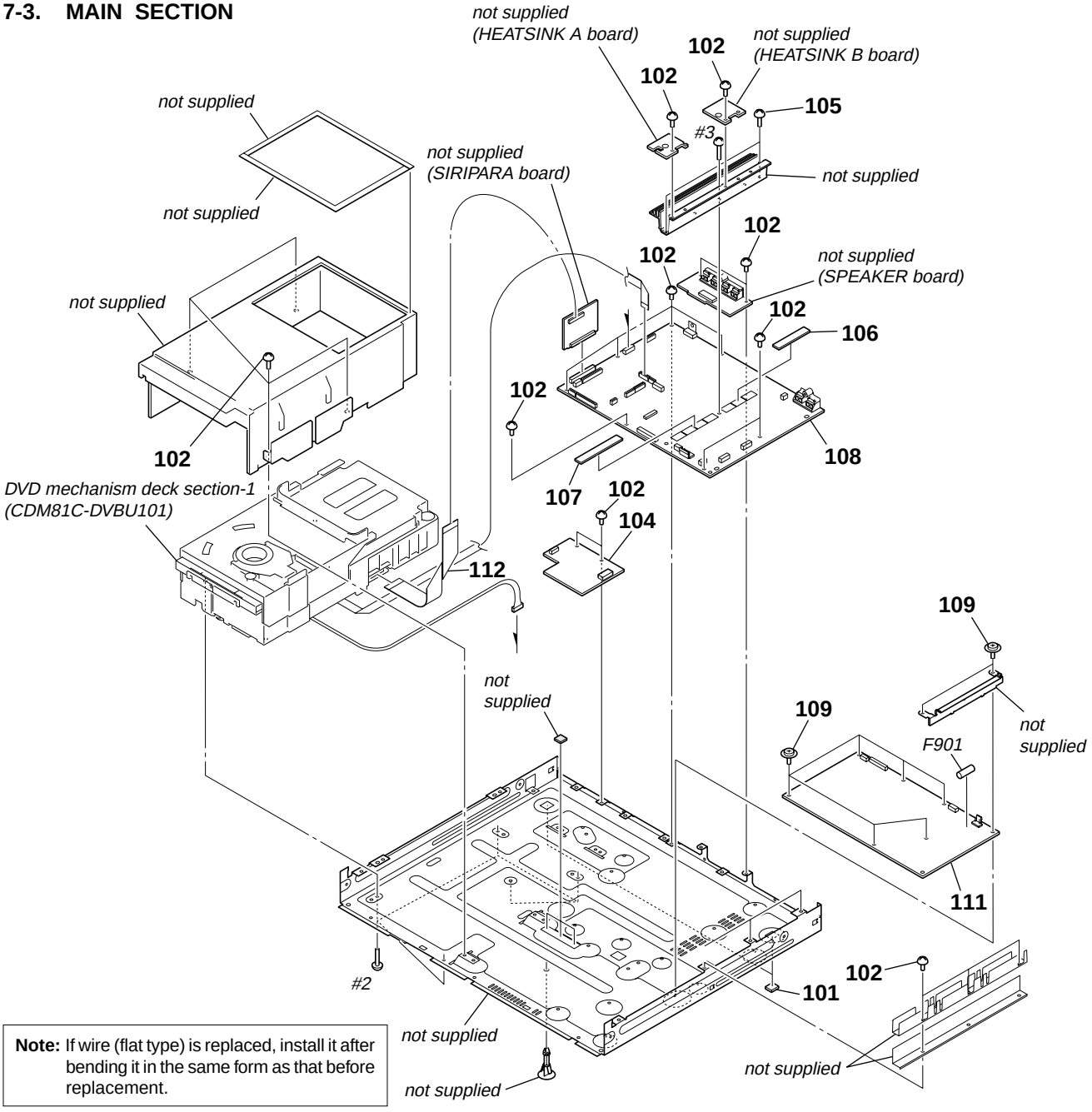


Note: Ref. No. 60 and Ref. No. 63 are parts glued together. When you exchange Ref. No. 60 or Ref. No.63, exchange simultaneously.

Ref. No.	Part No.	Description	Remark
51	2-892-548-01	KNOB (VOL)	
52	2-892-542-11	WINDOW (H) (HDX665)	
52	2-892-543-01	WINDOW (L) (HDX266)	
52	2-892-543-11	WINDOW (L) (HDX265)	
52	2-892-543-21	WINDOW (L) (HDX465)	
52	2-892-543-31	WINDOW (L) (HDX267W)	
52	2-892-543-41	WINDOW (L) (HDX466)	
53	2-892-547-01	BUTTON (PLAY-H) (HDX665)	
54	2-892-544-01	ORNAMENT (BUTTON) (HDX665)	
55	2-889-992-01	FILTER, COLOR	
56	3-087-053-11	+BVTP2.6 (3CR)	
58	A-1221-014-A	FL BOARD, COMPLETE	
59	2-892-545-01	BUTTON (PLAY-L) (HDX265/HDX266/HDX267W/HDX465/HDX466)	

Ref. No.	Part No.	Description	Remark
59	2-892-546-01	BASE (PLAY), BUTTON (HDX665)	
60	2-892-551-01	BUTTON (DISC)	
61	2-892-540-11	PANEL (H), FRONT (HDX665)	
61	2-892-541-01	PANEL (L), FRONT (HDX466)	
61	2-892-541-11	PANEL (L), FRONT (HDX265: US/HDX266/HDX267W/HDX465)	
61	2-892-541-21	PANEL (L), FRONT (HDX265: E, AUS)	
62	2-898-989-01	SHEET (DC WINDOW), ADHESIVE (HDX265/HDX266/HDX267W/HDX465/HDX466)	
63	2-892-550-01	INDICATOR (DISC)	
S910	1-418-725-51	ENCODER, ROTARY (12 TYPE) (VOLUME)	

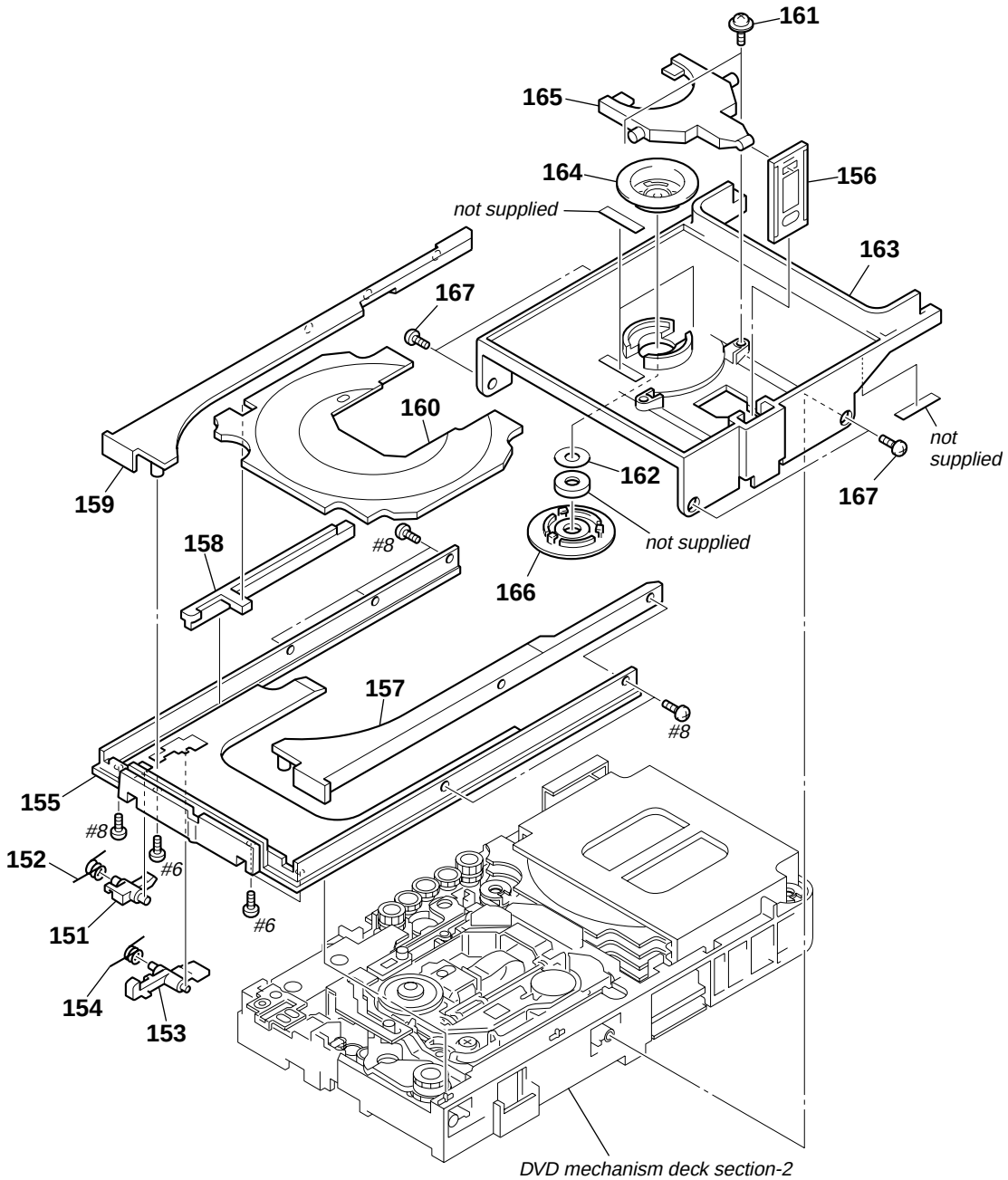
7-3. MAIN SECTION



Note: If wire (flat type) is replaced, install it after bending it in the same form as that before replacement.

Ref. No.	Part No.	Description	Remark
101	4-232-478-31	FOOT	
102	3-077-331-21	+BV3 (3-CR)	
104	A-1221-025-A	DMPORT BOARD, COMPLETE	
105	3-077-331-11	+BV3 (3-CR)	
106	2-597-972-51	SHEET, RADIATION (HDX265: US/HDX267W/ HDX465/HDX466/HDX665)	
106	2-597-972-61	SHEET, RADIATION (HDX266)	
106	3-100-158-01	SHEET, RADIATION (HDX265: E, AUS)	
107	2-597-972-41	SHEET, RADIATION (HDX265: US/HDX266/ HDX267W/HDX465/HDX466/HDX665)	
107	3-100-158-11	SHEET, RADIATION (HDX265: E, AUS)	
🔒 108	A-1244-171-A	MAIN BOARD, COMPLETE (for SERVICE) (HDX265: US/HDX267W)	
🔒 108	A-1244-172-A	MAIN BOARD, COMPLETE (for SERVICE) (HDX265: AUS)	
🔒 108	A-1244-173-A	MAIN BOARD, COMPLETE (for SERVICE) (HDX266)	
🔒 108	A-1244-175-A	MAIN BOARD, COMPLETE (for SERVICE) (HDX465/HDX466)	
🔒 108	A-1244-177-A	MAIN BOARD, COMPLETE (for SERVICE) (HDX665)	
🔒 108	A-1256-691-A	MAIN BOARD, COMPLETE (for SERVICE) (HDX265: E)	
109	2-677-839-01	+PWH 3X8 (SUMITITE)	
111	A-1221-008-A	POWER BOARD, COMPLETE (HDX265: US/ HDX266/HDX267W/HDX465/HDX466/HDX665)	
111	A-1221-034-A	POWER BOARD, COMPLETE (HDX265: E, AUS)	
112	1-828-369-11	WIRE (FLAT TYPE) (21 CORE)	
⚠ F901	1-533-311-12	FUSE, GLASS CYLINDRICAL (DIA.5) (8A/125V) (HDX265: US/HDX266/HDX267W/HDX465/ HDX466/HDX665)	
⚠ F901	1-576-233-51	FUSE (H.B.C.) (T6.3AL/250V) (HDX265: E, AUS)	
#2	7-685-647-79	SCREW +BVTP 3X10 TYPE2 IT-3	
#3	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	

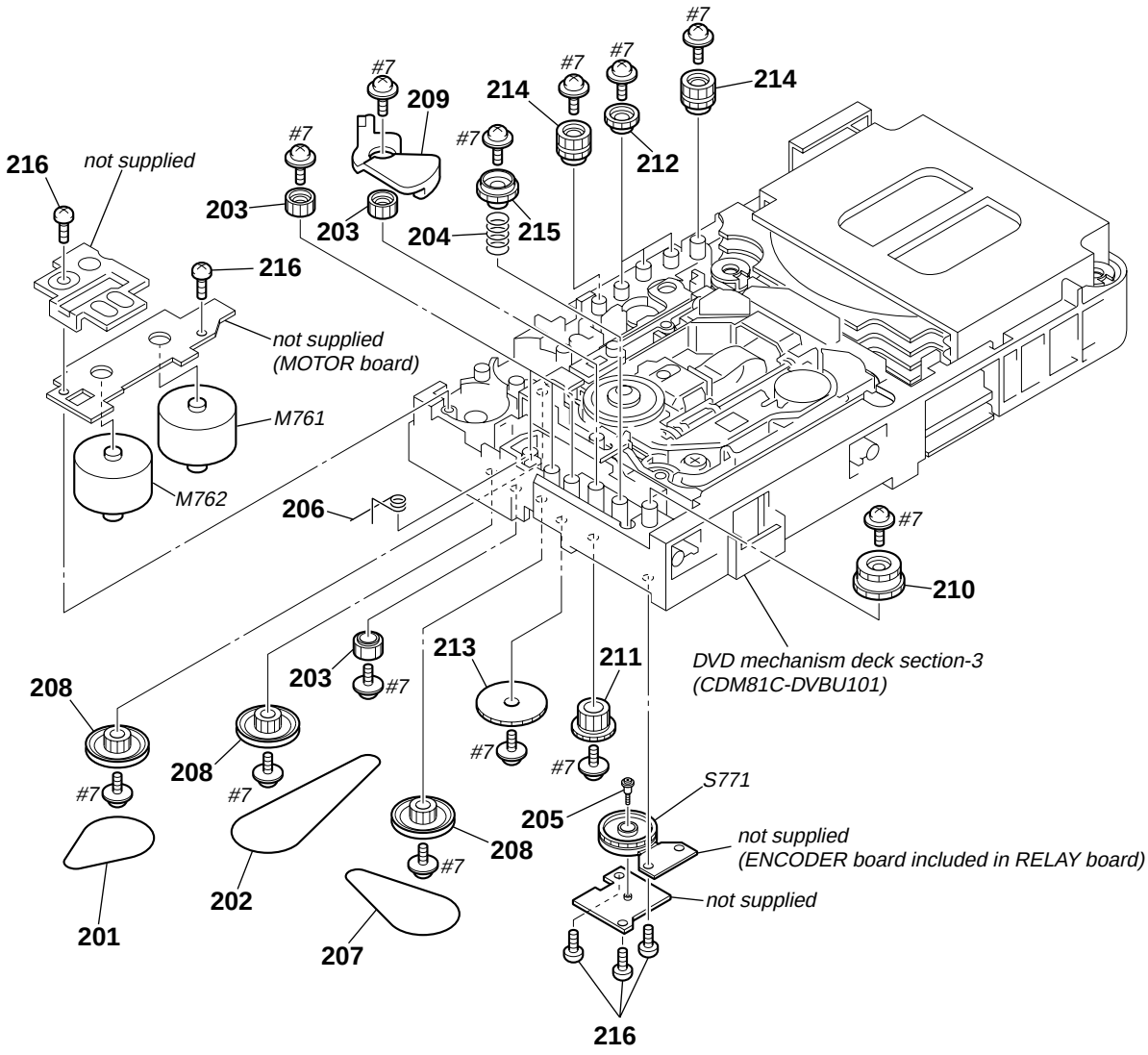
7-4. DVD MECHANISM DECK SECTION-1 (CDM81C-DVBU101)



Ref. No.	Part No.	Description	Remark
151	4-251-849-01	LEVER (SW2)	
152	4-251-991-01	SPRING (SW2), TORSION	
153	4-251-860-01	LEVER (LOCK)	
154	4-251-867-01	SPRING (LOCK), TORSION	
155	4-251-828-01	TRAY (MAIN)	
156	4-251-822-01	JOINT (LIFTER)	
157	4-251-857-01	COVER (R)	
158	4-251-830-01	SLIDER (ST)	
159	4-251-858-01	COVER (L)	
160	4-251-829-02	TRAY (SUB)	

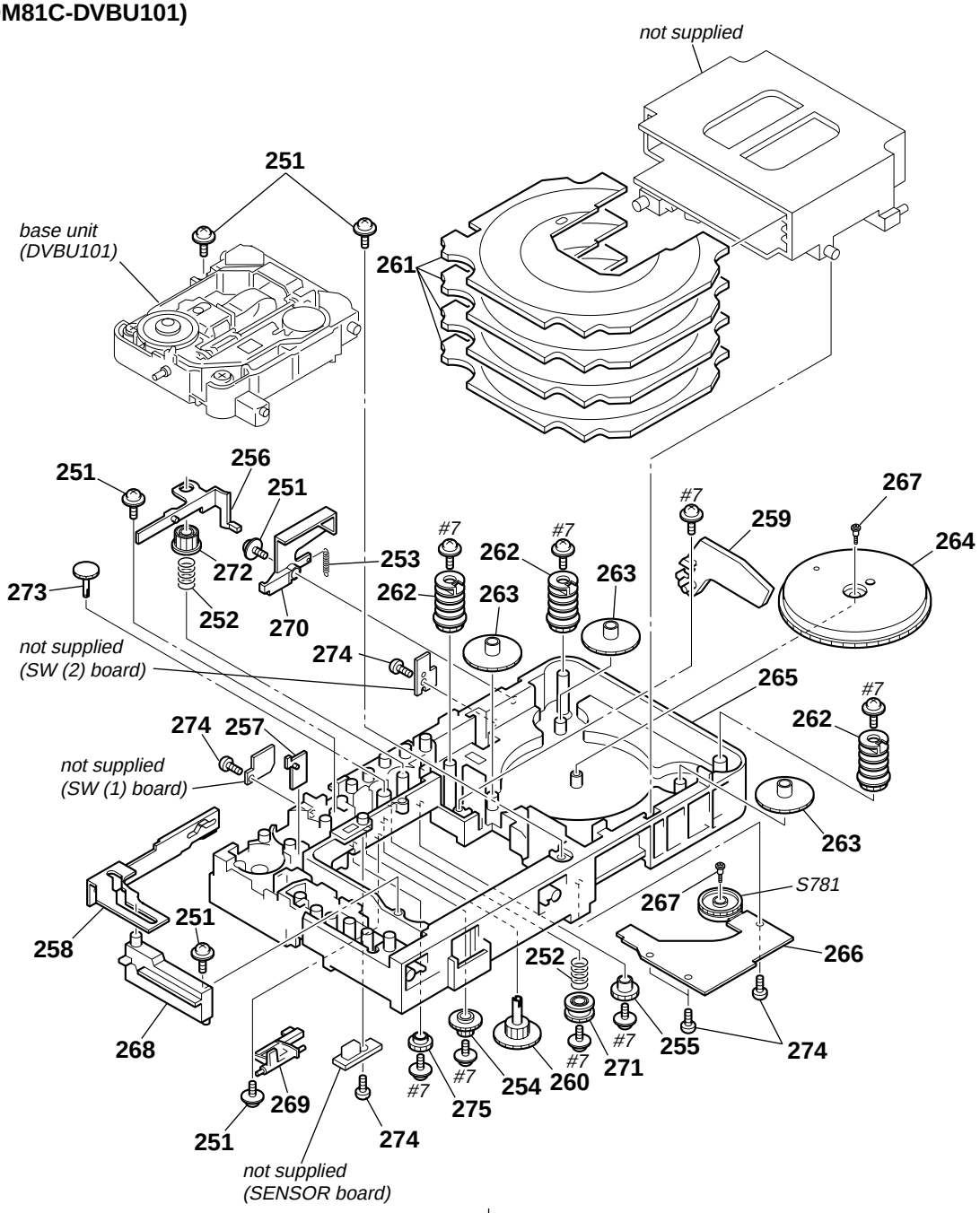
Ref. No.	Part No.	Description	Remark
161	4-985-672-01	SCREW (+PTPWH M2.6), FLOATING	
162	4-251-923-01	YOKE (310)	
163	4-251-821-03	BRACKET (TOP)	
164	4-251-922-01	PULLEY B (310), CHUCKING	
165	4-251-824-01	LIFTER	
166	4-251-837-01	PULLEY A (310), CHUCKING	
167	4-218-253-52	SCREW (M2.6), +BTTP	
#6	7-685-534-19	SCREW +BTP 2.6X8 TYPE2 N-S	
#8	7-685-102-19	SCREW +P 2X4 NON-SLIT TYPE 2	

7-5. DVD MECHANISM DECK SECTION-2 (CDM81C-DVBU101)



Ref. No.	Part No.	Description	Remark
201	4-251-868-01	BELT (SUB TRAY)	
202	4-251-869-01	BELT (MAIN TRAY)	
203	4-251-850-01	GEAR (MAIN TRAY 1)	
204	4-251-873-01	SPRING (MODE), COMPRESSION	
205	4-239-618-01	SCREW (+PWH, 2X6), STEP TAPPING	
206	4-251-872-01	SPRING (LEVER), TORSION	
207	4-251-870-01	BELT (BU)	
208	4-251-853-01	PULLEY (BU)	
209	4-251-834-01	LEVER (MAIN TRAY)	
210	4-251-852-01	GEAR (MAIN TRAY 3)	
211	4-251-856-01	GEAR (BU2)	
212	4-251-841-01	GEAR (SUB TRAY 1)	
213	4-251-854-01	GEAR (BU1)	
214	4-251-842-01	GEAR (SUB TRAY 2)	
215	4-251-851-01	GEAR (MAIN TRAY 2)	
216	4-218-253-52	SCREW (M2.6), +BTTP	
M761	A-4713-174-A	MOTOR (81) ASSY (LD/ST MOTOR)	
M762	A-4713-174-A	MOTOR (81) ASSY (BU U/D MOTOR)	
S771	1-478-552-11	ENCODER, ROTARY (MD)	
#7	7-685-902-21	SCREW +PTPWH 2.6X8 (TYPE2)	

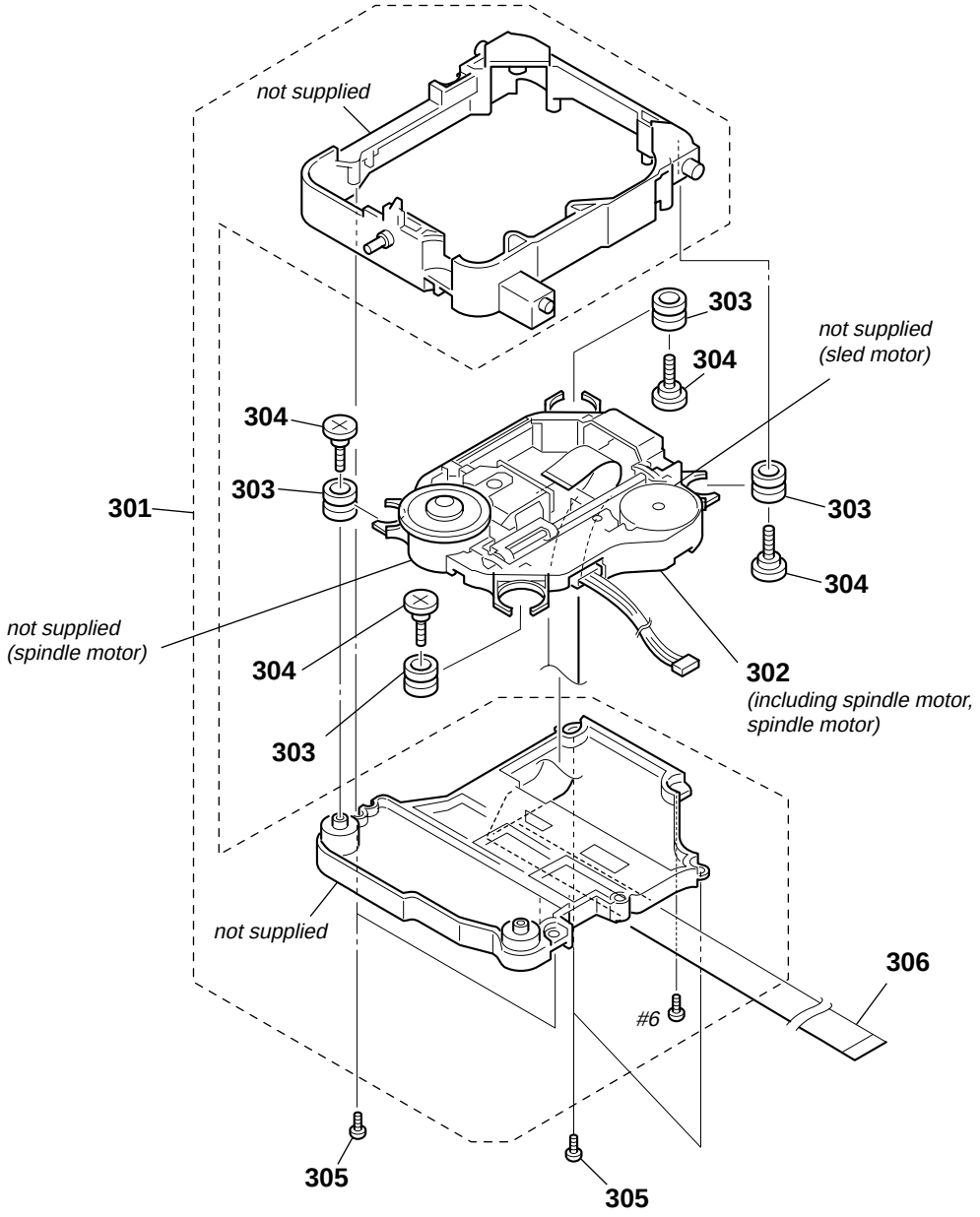
7-6. DVD MECHANISM DECK SECTION-3 (CDM81C-DVBU101)



Ref. No.	Part No.	Description	Remark
251	4-985-672-01	SCREW (+PTPWH M2.6), FLOATING	
252	4-251-873-01	SPRING (MODE), COMPRESSION	
253	4-251-874-02	SPRING (SW), TENSION	
254	4-251-844-01	GEAR (SS2)	
255	4-251-835-01	GEAR (STOCKER 1)	
256	4-251-833-01	LEVER (SUB TRAY)	
257	4-251-843-01	LEVER (RELEASE)	
258	4-251-831-02	LEVER (MODE)	
259	4-251-862-01	SHUTTER (TRAY)	
260	4-251-845-01	GEAR (SS3)	
261	4-251-829-02	TRAY (SUB)	
262	4-251-827-01	CAM (STOCKER)	
263	4-251-836-01	GEAR (STOCKER 2)	
264	4-251-838-01	GEAR (STOCKER 3)	
265	4-251-823-01	CHASSIS (CDM81)	

Ref. No.	Part No.	Description	Remark
266	A-4750-232-A	RELAY BOARD, COMPLETE (including ENCODER board)	
267	4-239-618-01	SCREW (+PWH, 2X6), STEP TAPPING	
268	4-251-825-01	CAM (BU)	
269	4-251-832-01	LEVER (STOCKER)	
270	4-251-861-01	LEVER (SW)	
271	4-251-839-01	GEAR (STOCKER 4)	
272	4-251-840-01	GEAR (SUB TRAY)	
273	4-251-847-01	GEAR (SS4)	
274	4-218-253-52	SCREW (M2.6), +BTTP	
275	4-251-841-01	GEAR (SUB TRAY 1)	
S781	1-478-551-11	ENCODER, ROTARY (ST U/D ENCORDER)	
#7	7-685-902-21	SCREW +PTPWH 2.6X8 (TYPE2)	

7-7. BASE UNIT



Note: If wire (flat type) is replaced, install it after bending it in the same form as thet before replacement.

Note: Refer to the Servicing Notes "HOW TO IDENTIFY OPTICAL PICK-UP BLOCK" (page 7), if replacing the Ref. No. 302.

Ref. No.	Part No.	Description	Remark
301	X-4956-097-1	HOLDER (310) ASSY	
⚠302	8-820-291-02	OPTICAL PICK-UP BLOCK (KHM-310CAB/ C2RP) (Including sled motor, spindle motor)	
⚠302	8-820-322-04	OPTICAL PICK-UP BLOCK (KHM-313CAB/ C2RP) (Including sled motor, spindle motor)	
303	2-634-618-01	INSULATOR	
304	3-087-599-01	INSULATOR SCREW	
305	4-218-253-52	SCREW (M2.6), +BTTP	
306	1-828-774-51	WIRE (FLAT TYPE) (24 CORE)	
#6	7-685-534-19	+BTP 2.6X8 TYPE2 N-S	

DIAT CON | DMPORT

SECTION 8
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS
  uF: µF
- COILS
  uH: µH
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA... : µA... uPA... : µPA...
  uPB... : µPB... uPC... : µPC...
  uPD... : µPD...
- Abbreviation
  AUS : Australian model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiquens pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

Les composants identifiés par la marque 🔒 contiennent des informations confidentielles.
Suivre scrupuleusement les instructions chaque fois qu'un composant est remplacé et / ou réparé.

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark
		DIAT CON BOARD			
		**********			
		< CONNECTOR >			
CN1806	1-770-382-11	CONNECTOR, BOARD TO BOARD 12P			
CN1809	1-779-548-21	CONNECTOR, FFC (LIF (NON-ZIF)) 11P			
		< JUMPER RESISTOR >			
JR001	1-216-296-11	SHORT CHIP	0		
JR002	1-216-296-11	SHORT CHIP	0		
JR003	1-216-864-11	SHORT CHIP	0		
JR004	1-216-296-11	SHORT CHIP	0		
JR005	1-216-296-11	SHORT CHIP	0		
JR006	1-216-296-11	SHORT CHIP	0		
JR007	1-216-864-11	SHORT CHIP	0		
JR008	1-216-296-11	SHORT CHIP	0		
JR009	1-216-864-11	SHORT CHIP	0		
JR010	1-216-864-11	SHORT CHIP	0		
**********					
	A-1221-025-A	DMPORT BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C210	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C211	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C212	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C213	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C214	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C220	1-128-995-21	ELECT CHIP	100uF	20%	10V
C221	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C222	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C223	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C229	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C230	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C231	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C232	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C233	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C234	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C235	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C236	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C237	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C238	1-126-395-11	ELECT CHIP	22uF	20%	16V
C239	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C240	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C241	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		< CONNECTOR >			
CN201	1-784-861-51	CONNECTOR, FFC (LIF (NON-ZIF)) 9P			
CN203	1-774-730-21	PIN, CONNECTOR (PC BOARD) 3P			
CN204	1-817-615-21	CONNECTOR BOARD TO BOARD 18P			(DMPORT)
		< IC >			
IC201	6-705-308-01	IC SI-3010KM-TL			
IC202	8-759-710-97	IC NJM4565M-D			
		< COIL >			
L200	1-469-525-11	INDUCTOR	10uH		
		< RESISTOR >			
R203	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R208	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R214	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R215	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R220	1-216-821-11	METAL CHIP	1K	5%	1/10W
R221	1-216-821-11	METAL CHIP	1K	5%	1/10W
R222	1-216-840-11	METAL CHIP	39K	5%	1/10W
R223	1-216-833-11	METAL CHIP	10K	5%	1/10W
R224	1-216-864-11	SHORT CHIP	0		
R225	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R227	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R228	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R229	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R230	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R231	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R232	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R237	1-216-864-11	SHORT CHIP	0		
R238	1-216-864-11	SHORT CHIP	0		
R239	1-216-864-11	SHORT CHIP	0		
R240	1-216-809-11	METAL CHIP	100	5%	1/10W
R241	1-216-809-11	METAL CHIP	100	5%	1/10W
**********					

Ref. No.	Part No.	Description			Remark
		EN BOARD			
		********			
		< CAPACITOR >			
C910	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C911	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
		< SWITCH >			
S910	1-418-725-51	ENCODER, ROTARY (12 TYPE) (VOLUME)			
**********					
		ENCODER BOARD (Included in RELAY board)			
		**********			
**********					
	A-1221-014-A	FL BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C800	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C801	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C803	1-162-995-11	CERAMIC CHIP	0.022uF		50V
C804	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C810	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C811	1-126-786-11	ELECT	47uF	20%	16V
C813	1-117-863-11	CERAMIC CHIP	0.47uF	10%	6.3V
C814	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C815	1-110-563-11	CERAMIC CHIP	0.068uF	10%	16V
C816	1-162-925-11	CERAMIC CHIP	68PF	5%	50V
C817	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C818	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C820	1-126-791-11	ELECT	10uF	20%	35V
C821	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C822	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C824	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C825	1-126-382-11	ELECT	100uF	20%	16V
C826	1-126-786-11	ELECT	47uF	20%	16V
C827	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C828	1-126-791-11	ELECT	10uF	20%	35V
C829	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C830	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C831	1-124-222-91	ELECT	22uF	20%	6.3V
C832	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C833	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C836	1-126-382-11	ELECT	100uF	20%	16V
C838	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C840	1-163-037-11	CERAMIC CHIP	0.022uF	10%	50V
C842	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C843	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C844	1-119-943-11	ELECT	47uF	20%	50V
C846	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C850	1-126-791-11	ELECT	10uF	20%	35V
C851	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C866	1-115-866-11	ELECT	4.7uF	20%	35V
C868	1-126-791-11	ELECT	10uF	20%	35V

Ref. No.	Part No.	Description	Remark
		< CONNECTOR >	
CN803	1-779-560-21	CONNECTOR, FFC (LIF (NON-ZIF)) 23P	
CN804	1-779-978-11	PIN, CONNECTOR 3P	
CN805	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P	
		< DIODE >	
D800	6-501-579-01	DIODE MC2837	
D801	6-501-579-01	DIODE MC2837	
D806	6-501-193-01	DIODE 1SS355WTE-17	
D807	6-501-193-01	DIODE 1SS355WTE-17	
D808	6-501-193-01	DIODE 1SS355WTE-17	
D809	8-719-056-13	LED SML79423C-TP15 (DISC 1)	
D810	6-501-193-01	DIODE 1SS355WTE-17	
D811	6-501-193-01	DIODE 1SS355WTE-17	
D812	8-719-056-13	LED SML79423C-TP15 (DISC 2)	
D813	6-501-193-01	DIODE 1SS355WTE-17	
D814	6-501-193-01	DIODE 1SS355WTE-17	
D815	6-501-169-01	DIODE UDZW-TE17-6.2B	
D816	8-719-056-13	LED SML79423C-TP15 (DISC 3)	
D817	8-719-056-13	LED SML79423C-TP15 (DISC 4)	
D818	8-719-056-13	LED SML79423C-TP15 (DISC 5)	
		< FERRITE BEAD >	
FB802	1-500-236-22	BEAD, FERRITE (CHIP) (1608)	
FB803	1-500-236-22	BEAD, FERRITE (CHIP) (1608)	
FB804	1-500-236-22	BEAD, FERRITE (CHIP) (1608)	
FB806	1-500-236-22	BEAD, FERRITE (CHIP) (1608)	
FB807	1-500-236-22	BEAD, FERRITE (CHIP) (1608)	
		< IC >	
IC800	8-759-100-96	IC uPC4558G2	
IC801	8-759-100-96	IC uPC4558G2	
IC802	6-704-046-01	IC BU2099FV	
IC803	6-600-349-21	IC NJL23H400A	
IC804	8-759-643-83	IC uPD16315GB-3BS	
		< JACK >	
J800	1-819-878-31	JACK (PHONES)	
J801	1-819-878-31	JACK (AUDIO IN/A.CAL MIC)	
		< JUMPER RESISTOR >	
JR801	1-216-296-11	SHORT CHIP 0	
JR802	1-216-296-11	SHORT CHIP 0	
JR803	1-216-296-11	SHORT CHIP 0	
JR804	1-216-296-11	SHORT CHIP 0	
JR805	1-216-296-11	SHORT CHIP 0	
JR806	1-216-296-11	SHORT CHIP 0	
JR807	1-216-296-11	SHORT CHIP 0	
JR808	1-216-296-11	SHORT CHIP 0	
JR809	1-216-296-11	SHORT CHIP 0	
JR810	1-216-296-11	SHORT CHIP 0	
JR811	1-216-296-11	SHORT CHIP 0	
JR812	1-216-296-11	SHORT CHIP 0	
JR813	1-216-296-11	SHORT CHIP 0	
JR814	1-216-296-11	SHORT CHIP 0	
JR815	1-216-296-11	SHORT CHIP 0	
JR817	1-216-296-11	SHORT CHIP 0	
JR818	1-216-296-11	SHORT CHIP 0	

FL

Ref. No.	Part No.	Description			Remark
JW819	1-216-296-11	SHORT CHIP	0		
		< COIL >			
L800	1-410-671-31	INDUCTOR	47uH		
L801	1-410-671-31	INDUCTOR	47uH		
		< FLUORESCENT INDICATOR TUBE >			
ND800	1-451-590-21	VACUUM FLUORESCENT DISPLAYS			
		< TRANSISTOR >			
Q800	6-550-889-01	TRANSISTOR	2SC5938-T112-1B		
Q801	6-550-889-01	TRANSISTOR	2SC5938-T112-1B		
Q802	6-550-889-01	TRANSISTOR	2SC5938-T112-1B		
Q803	6-550-889-01	TRANSISTOR	2SC5938-T112-1B		
Q804	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q805	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q806	8-729-027-24	TRANSISTOR	DTA114TKA-T146		
Q807	1-801-806-11	TRANSISTOR	RT1N441C-TP-1		
Q808	1-801-806-11	TRANSISTOR	RT1N441C-TP-1		
Q809	6-550-065-01	TRANSISTOR	CPH5504-TL-E		
Q810	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q811	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q812	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q813	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q814	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q815	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q816	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q817	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q818	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q819	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q820	8-729-120-28	TRANSISTOR	2SC1623-L5L6		
		< RESISTOR >			
R800	1-216-801-11	METAL CHIP	22	5%	1/10W
R801	1-216-805-11	METAL CHIP	47	5%	1/10W
R802	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R803	1-216-864-11	SHORT CHIP	0		
R804	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R805	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R806	1-216-864-11	SHORT CHIP	0		
R807	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R808	1-216-864-11	SHORT CHIP	0		
R809	1-216-864-11	SHORT CHIP	0		
R810	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R811	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R812	1-216-801-11	METAL CHIP	22	5%	1/10W
R813	1-216-805-11	METAL CHIP	47	5%	1/10W
R821	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R822	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R824	1-216-864-11	SHORT CHIP	0		
R825	1-216-837-11	METAL CHIP	22K	5%	1/10W
R826	1-216-857-11	METAL CHIP	1M	5%	1/10W
R827	1-216-864-11	SHORT CHIP	0		
R828	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R829	1-216-821-11	METAL CHIP	1K	5%	1/10W
R830	1-216-821-11	METAL CHIP	1K	5%	1/10W
R831	1-216-837-11	METAL CHIP	22K	5%	1/10W
R832	1-216-817-11	METAL CHIP	470	5%	1/10W
R833	1-216-845-11	METAL CHIP	100K	5%	1/10W
R834	1-216-864-11	SHORT CHIP	0		
R835	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R836	1-216-864-11	SHORT CHIP	0		
R837	1-216-845-11	METAL CHIP	100K	5%	1/10W
R838	1-216-821-11	METAL CHIP	1K	5%	1/10W
R839	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R840	1-216-817-11	METAL CHIP	470	5%	1/10W
R841	1-216-805-11	METAL CHIP	47	5%	1/10W
R842	1-216-837-11	METAL CHIP	22K	5%	1/10W
R843	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R844	1-216-845-11	METAL CHIP	100K	5%	1/10W
R845	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R846	1-216-833-11	METAL CHIP	10K	5%	1/10W
R847	1-216-835-11	METAL CHIP	15K	5%	1/10W
R848	1-216-834-11	METAL CHIP	12K	5%	1/10W
R849	1-216-809-11	METAL CHIP	100	5%	1/10W
R850	1-216-835-11	METAL CHIP	15K	5%	1/10W
R851	1-216-819-11	METAL CHIP	680	5%	1/10W
R852	1-216-809-11	METAL CHIP	100	5%	1/10W
R853	1-216-821-11	METAL CHIP	1K	5%	1/10W
R854	1-216-821-11	METAL CHIP	1K	5%	1/10W
R855	1-216-801-11	METAL CHIP	22	5%	1/10W
R856	1-216-809-11	METAL CHIP	100	5%	1/10W
R857	1-216-809-11	METAL CHIP	100	5%	1/10W
R858	1-216-809-11	METAL CHIP	100	5%	1/10W
R859	1-216-864-11	SHORT CHIP	0		
R860	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R861	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R862	1-216-821-11	METAL CHIP	1K	5%	1/10W
R863	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R864	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R865	1-216-295-00	SHORT CHIP	0		
R866	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R867	1-216-841-11	METAL CHIP	47K	5%	1/10W
R868	1-216-837-11	METAL CHIP	22K	5%	1/10W
R869	1-216-833-11	METAL CHIP	10K	5%	1/10W
R870	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R871	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R872	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R873	1-216-864-11	SHORT CHIP	0		
R874	1-216-817-11	METAL CHIP	470	5%	1/10W
R875	1-216-815-11	METAL CHIP	330	5%	1/10W
R876	1-216-817-11	METAL CHIP	470	5%	1/10W
R877	1-216-815-11	METAL CHIP	330	5%	1/10W
R878	1-216-839-11	METAL CHIP	33K	5%	1/10W
R879	1-216-809-11	METAL CHIP	100	5%	1/10W
R880	1-216-817-11	METAL CHIP	470	5%	1/10W
R881	1-216-815-11	METAL CHIP	330	5%	1/10W
R883	1-216-821-11	METAL CHIP	1K	5%	1/10W
R884	1-216-817-11	METAL CHIP	470	5%	1/10W
R885	1-216-821-11	METAL CHIP	1K	5%	1/10W
R886	1-216-821-11	METAL CHIP	1K	5%	1/10W
R887	1-216-815-11	METAL CHIP	330	5%	1/10W
R888	1-216-805-11	METAL CHIP	47	5%	1/10W
R891	1-216-817-11	METAL CHIP	470	5%	1/10W

FL IO

Ref. No.	Part No.	Description			Remark
R893	1-216-805-11	METAL CHIP	47	5%	1/10W
R894	1-216-815-11	METAL CHIP	330	5%	1/10W
R897	1-216-845-11	METAL CHIP	100K	5%	1/10W
R899	1-216-821-11	METAL CHIP	1K	5%	1/10W
R900	1-216-809-11	METAL CHIP	100	5%	1/10W
R901	1-216-809-11	METAL CHIP	100	5%	1/10W
R902	1-216-809-11	METAL CHIP	100	5%	1/10W
R903	1-216-844-11	METAL CHIP	82K	5%	1/10W
R904	1-216-809-11	METAL CHIP	100	5%	1/10W
		< SWITCH >			
S800	1-771-349-41	SWITCH, KEYBOARD (▶▶I)			
S801	1-771-349-41	SWITCH, KEYBOARD (■)			
S802	1-771-349-41	SWITCH, KEYBOARD (▮▮)			
S803	1-771-349-41	SWITCH, KEYBOARD (I◀◀)			
S804	1-771-349-41	SWITCH, KEYBOARD (FUNCTION)			
S805	1-771-349-41	SWITCH, KEYBOARD (DISC 1)			
S806	1-771-349-41	SWITCH, KEYBOARD (DISC 2)			
S807	1-771-349-41	SWITCH, KEYBOARD (DISC 3)			
S808	1-771-349-41	SWITCH, KEYBOARD (DISC 4)			
S809	1-771-349-41	SWITCH, KEYBOARD (DISC 5)			
S810	1-771-349-41	SWITCH, KEYBOARD (⏏)			
S811	1-771-349-41	SWITCH, KEYBOARD (▷)			
		< TRANSFORMER >			
T800	1-443-645-11	TRANSFORMER, DC CONVERTER			
**********					
	A-1221-023-A	IO BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C300	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C301	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C302	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C303	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C311	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C312	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C316	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C317	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C321	1-104-662-91	ELECT	22uF	20%	25V
C322	1-104-662-91	ELECT	22uF	20%	25V
C323	1-104-662-91	ELECT	22uF	20%	25V
C324	1-104-662-91	ELECT	22uF	20%	25V
C328	1-126-916-11	ELECT	1000uF	20%	6.3V
C330	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C331	1-126-916-11	ELECT	1000uF	20%	6.3V
C332	1-126-933-11	ELECT	100uF	20%	16V
C333	1-126-933-11	ELECT	100uF	20%	16V
C334	1-126-916-11	ELECT	1000uF	20%	6.3V
C337	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C338	1-126-933-11	ELECT	100uF	20%	16V
C340	1-104-662-91	ELECT	22uF	20%	25V
C341	1-104-662-91	ELECT	22uF	20%	25V
C343	1-126-964-11	ELECT	10uF	20%	50V
C344	1-126-964-11	ELECT	10uF	20%	50V
C347	1-126-935-11	ELECT	470uF	20%	16V
C348	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V

Ref. No.	Part No.	Description			Remark
C349	1-126-933-11	ELECT	100uF	20%	16V
C350	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C351	1-126-933-11	ELECT	100uF	20%	16V
C352	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C355	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C357	1-126-964-11	ELECT	10uF	20%	50V
C358	1-126-964-11	ELECT	10uF	20%	50V
C359	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C360	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C361	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C371	1-104-662-91	ELECT	22uF	20%	25V
C372	1-104-662-91	ELECT	22uF	20%	25V
C373	1-104-662-91	ELECT	22uF	20%	25V
C374	1-104-662-91	ELECT	22uF	20%	25V
C376	1-104-662-91	ELECT	22uF	20%	25V
C383	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C384	1-126-933-11	ELECT	100uF	20%	16V
C385	1-126-960-11	ELECT	1uF	20%	50V
C386	1-126-960-11	ELECT	1uF	20%	50V
C387	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C388	1-127-573-11	CERAMIC CHIP	1uF	10%	16V
C389	1-126-947-11	ELECT	47uF	20%	35V
C391	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C392	1-126-933-11	ELECT	100uF	20%	16V
		< CONNECTOR >			
CN301	1-779-277-11	CONNECTOR, FFC (LIF (NON-ZIF)) 9P			
CN302	1-564-706-11	PIN, CONNECTOR (SMALL TYPE) 4P			
CN304	1-779-279-11	CONNECTOR, FFC (LIF (NON-ZIF)) 11P			
CN305	1-568-828-11	CONNECTOR, FFC 9P			
CN306	1-779-287-11	CONNECTOR, FFC (LIF (NON-ZIF)) 19P			
CN307	1-779-273-11	CONNECTOR, FFC (LIF (NON-ZIF)) 5P			
		< DIODE >			
D300	6-501-193-01	DIODE 1SS355WTE-17			
D301	6-501-193-01	DIODE 1SS355WTE-17			
D309	8-719-058-24	DIODE RB501V-40TE-17			
		< IC >			
IC301	6-703-622-01	IC MM1508XNRE			
IC302	6-710-470-01	IC MM1758AFBE			
IC303	8-759-385-76	IC MC14052 BDR2			
IC306	8-759-100-96	IC uPC4558G2			
IC307	6-703-550-01	IC TA7809LS			
		< JACK/TERMINAL BOARD >			
J300	1-764-593-21	JACK 2P (TV/VIDEO AUDIO IN)			
J301	1-780-211-11	TERMINAL BOARD (S TERMINAL+1P) (MONITOR OUT VIDEO/S VIDEO (DVD ONLY))			
J302	1-817-449-11	JACK, PIN 3P (COMPONENT VIDEO OUT (DVD ONLY))			
		< COIL >			
L300	1-469-525-11	INDUCTOR	10uH		
L301	1-469-525-11	INDUCTOR	10uH		
L304	1-469-525-11	INDUCTOR	10uH		

IO **LED** **MAIN**

Ref. No.	Part No.	Description			Remark
		< TRANSISTOR >			
Q305	8-729-027-52	TRANSISTOR	DTC124EKA-T146		
Q307	8-729-027-52	TRANSISTOR	DTC124EKA-T146		
		< RESISTOR >			
R301	1-216-864-11	SHORT CHIP	0		
R306	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R307	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R308	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R309	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R314	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R318	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R321	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R323	1-218-285-11	METAL CHIP	75	5%	1/10W
R324	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R326	1-218-285-11	METAL CHIP	75	5%	1/10W
R327	1-218-285-11	METAL CHIP	75	5%	1/10W
R328	1-218-285-11	METAL CHIP	75	5%	1/10W
R329	1-218-285-11	METAL CHIP	75	5%	1/10W
R331	1-218-285-11	METAL CHIP	75	5%	1/10W
R332	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R333	1-216-841-11	METAL CHIP	47K	5%	1/10W
R334	1-216-841-11	METAL CHIP	47K	5%	1/10W
R335	1-216-841-11	METAL CHIP	47K	5%	1/10W
R336	1-216-841-11	METAL CHIP	47K	5%	1/10W
R339	1-218-285-11	METAL CHIP	75	5%	1/10W
R341	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R342	1-216-841-11	METAL CHIP	47K	5%	1/10W
R343	1-216-841-11	METAL CHIP	47K	5%	1/10W
R344	1-216-841-11	METAL CHIP	47K	5%	1/10W
R345	1-216-841-11	METAL CHIP	47K	5%	1/10W
R348	1-216-833-11	METAL CHIP	10K	5%	1/10W
R350	1-216-864-11	SHORT CHIP	0		
R360	1-216-821-11	METAL CHIP	1K	5%	1/10W
R363	1-216-841-11	METAL CHIP	47K	5%	1/10W
R364	1-216-841-11	METAL CHIP	47K	5%	1/10W
R365	1-216-841-11	METAL CHIP	47K	5%	1/10W
R366	1-216-841-11	METAL CHIP	47K	5%	1/10W
R370	1-216-864-11	SHORT CHIP	0		
R371	1-218-285-11	METAL CHIP	75	5%	1/10W
R372	1-218-285-11	METAL CHIP	75	5%	1/10W
R375	1-216-864-11	SHORT CHIP	0		
R378	1-216-864-11	SHORT CHIP	0		
R392	1-216-833-11	METAL CHIP	10K	5%	1/10W
R394	1-216-821-11	METAL CHIP	1K	5%	1/10W
R396	1-216-833-11	METAL CHIP	10K	5%	1/10W
R400	1-216-821-11	METAL CHIP	1K	5%	1/10W
R402	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R403	1-216-845-11	METAL CHIP	100K	5%	1/10W
R404	1-216-845-11	METAL CHIP	100K	5%	1/10W
R405	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R406	1-216-845-11	METAL CHIP	100K	5%	1/10W
R407	1-216-845-11	METAL CHIP	100K	5%	1/10W
R408	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R409	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R410	1-216-841-11	METAL CHIP	47K	5%	1/10W
R411	1-216-841-11	METAL CHIP	47K	5%	1/10W
R412	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R413	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R414	1-216-864-11	SHORT CHIP	0		
R415	1-216-864-11	SHORT CHIP	0		
R416	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R417	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R420	1-216-817-11	METAL CHIP	470	5%	1/10W
R421	1-216-817-11	METAL CHIP	470	5%	1/10W
R426	1-216-864-11	SHORT CHIP	0		
R427	1-216-864-11	SHORT CHIP	0		
**********					
		LED BOARD			
		**********			
		< CAPACITOR >			
C500	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C501	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		< CONNECTOR >			
CN500	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P			
		< LED >			
D500	6-501-688-01	LED SELT2WA10CTP3 (ILLUMINATION)			
		< TRANSISTOR >			
Q500	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
		< RESISTOR >			
R500	1-216-809-11	METAL CHIP	100	5%	1/10W
R501	1-216-811-11	METAL CHIP	150	5%	1/10W
R502	1-216-833-11	METAL CHIP	10K	5%	1/10W
**********					
	A-1244-171-A	MAIN BOARD, COMPLETE (for SERVICE) (HDX265: US/HDX267W)			
	A-1244-172-A	MAIN BOARD, COMPLETE (for SERVICE) (HDX265: AUS)			
	A-1244-173-A	MAIN BOARD, COMPLETE (for SERVICE) (HDX266)			
	A-1244-175-A	MAIN BOARD, COMPLETE (for SERVICE) (HDX465/HDX466)			
	A-1244-177-A	MAIN BOARD, COMPLETE (for SERVICE) (HDX665)			
	A-1256-691-A	MAIN BOARD, COMPLETE (for SERVICE) (HDX265: E)			
		**********			
		< CAPACITOR >			
C501	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C502	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C503	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C504	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C505	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C506	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C507	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C508	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C509	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C510	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V

MAIN

Ref. No.	Part No.	Description			Remark
C511	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C515	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C516	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C517	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C518	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C519	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C520	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C521	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C522	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C523	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C524	1-126-947-11	ELECT	47uF	20%	35V
C525	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C526	1-104-665-11	ELECT	100uF	20%	25V
C527	1-126-916-11	ELECT	1000uF	20%	6.3V
C528	1-126-916-11	ELECT	1000uF	20%	6.3V
C529	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C531	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C532	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C533	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C534	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C535	1-126-947-11	ELECT	47uF	20%	35V
C536	1-126-947-11	ELECT	47uF	20%	35V
C538	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C651	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C705	1-126-964-11	ELECT	10uF	20%	50V
C706	1-126-964-11	ELECT	10uF	20%	50V
C707	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C708	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C717	1-126-964-11	ELECT	10uF	20%	50V
C718	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1101	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1102	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C1105	1-126-947-11	ELECT	47uF	20%	35V
C1106	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1110	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1112	1-128-994-21	ELECT CHIP	47uF	20%	10V
C1113	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1114	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1115	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1116	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1117	1-124-779-00	ELECT CHIP	10uF	20%	16V
C1118	1-126-964-11	ELECT	10uF	20%	50V
C1119	1-126-964-11	ELECT	10uF	20%	50V
C1120	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1121	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1122	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1123	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1124	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1125	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1126	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1127	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1128	1-164-172-11	CERAMIC CHIP	0.0056uF	10%	25V
C1130	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1131	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1132	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1133	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1135	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V
C1136	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1137	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1138	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1139	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C1140	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1144	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1145	1-124-779-00	ELECT CHIP	10uF	20%	16V
C1146	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1147	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C1148	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C1149	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1150	1-124-779-00	ELECT CHIP	10uF	20%	16V
C1151	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1152	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C1153	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C1154	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1155	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1156	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1157	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1158	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1160	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1161	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1162	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1163	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1164	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1169	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1170	1-124-779-00	ELECT CHIP	10uF	20%	16V
C1171	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1172	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1173	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1174	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1175	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1176	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1177	1-126-947-11	ELECT	47uF	20%	35V
C1179	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1180	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1181	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1182	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1183	1-128-934-11	CERAMIC CHIP	0.33uF	20%	10V
C1184	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1186	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1187	1-126-947-11	ELECT	47uF	20%	35V
C1190	1-104-665-11	ELECT	100uF	20%	25V
C1191	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1192	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1193	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1195	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1197	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1198	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1199	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C1203	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1205	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C1206	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C1208	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1209	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V
C1210	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1211	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V
C1212	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V

MAIN

Ref. No.	Part No.	Description			Remark
C1213	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1214	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1215	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1217	1-126-947-11	ELECT	47uF	20%	35V
C1218	1-126-964-11	ELECT	10uF	20%	50V
C1219	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1220	1-126-964-11	ELECT	10uF	20%	50V
C1221	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1222	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1224	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1233	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C1602	1-128-994-21	ELECT CHIP	47uF	20%	10V
C1603	1-128-994-21	ELECT CHIP	47uF	20%	10V
C1701	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1702	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1703	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1704	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1706	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1707	1-126-965-11	ELECT	22uF	20%	50V
C1709	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1710	1-126-964-11	ELECT	10uF	20%	50V
C1711	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1712	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1713	1-164-172-11	CERAMIC CHIP	0.0056uF	10%	25V
C1714	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1715	1-126-947-11	ELECT	47uF	20%	35V
C1716	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1717	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1718	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1719	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1720	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1723	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1725	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1727	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1729	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1730	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1736	1-126-947-11	ELECT	47uF	20%	35V
C2103	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C2104	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C2105	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C2106	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C2107	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C2108	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2110	1-104-665-11	ELECT	100uF	20%	25V
C2111	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C2114	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2130	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3000	1-126-382-11	ELECT	100uF	20%	16V
C3001	1-126-947-11	ELECT	47uF	20%	35V
C3002	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C3008	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3011	1-126-947-11	ELECT	47uF	20%	35V
C3012	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3013	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3014	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3015	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3016	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V

Ref. No.	Part No.	Description			Remark
C3017	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3018	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3019	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3020	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3021	1-126-947-11	ELECT	47uF	20%	35V
C3022	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3023	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3024	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3025	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3026	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3027	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3028	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3029	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3030	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3031	1-126-947-11	ELECT	47uF	20%	35V
C3032	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3033	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3034	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3035	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3036	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3037	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3038	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3039	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3040	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3051	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C3052	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3053	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3054	1-126-933-11	ELECT	100uF	20%	16V
C3055	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3056	1-126-934-11	ELECT	220uF	20%	16V
C3057	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3058	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V
C3059	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3060	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C3067	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3068	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3069	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3070	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3071	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3072	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3073	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3081	1-126-935-11	ELECT	470uF	20%	16V
C3082	1-126-935-11	ELECT	470uF	20%	16V
C3083	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3084	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3085	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3086	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3087	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3088	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3090	1-104-665-11	ELECT	100uF	20%	25V
C3091	1-126-934-11	ELECT	220uF	20%	16V
C3092	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3093	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3094	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3095	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3100	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3103	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3104	1-164-156-11	CERAMIC CHIP	0.1uF		25V

MAIN

Ref. No.	Part No.	Description			Remark
C3105	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3106	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3107	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3108	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3109	1-112-246-11	ELECT	100uF	20%	35V
C3112	1-112-246-11	ELECT	100uF	20%	35V
C3113	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3114	1-136-177-00	FILM	1uF	5%	50V
C3115	1-136-177-00	FILM	1uF	5%	50V
C3116	1-112-831-11	ELECT	2200uF	20%	35V
C3122	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3123	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3124	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3125	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3126	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3127	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3128	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3129	1-117-370-11	CERAMIC CHIP	10uF		10V
C3150	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3153	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3154	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3155	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3156	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3157	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3158	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3159	1-112-246-11	ELECT	100uF	20%	35V
C3162	1-112-246-11	ELECT	100uF	20%	35V
C3163	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3164	1-136-177-00	FILM	1uF	5%	50V
C3165	1-136-177-00	FILM	1uF	5%	50V
C3166	1-112-831-11	ELECT	2200uF	20%	35V
C3172	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3173	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3200	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3203	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3204	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3205	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3206	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3207	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3208	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3209	1-112-246-11	ELECT	100uF	20%	35V
C3212	1-112-246-11	ELECT	100uF	20%	35V
C3213	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3214	1-136-177-00	FILM	1uF	5%	50V
C3215	1-136-177-00	FILM	1uF	5%	50V
C3216	1-112-831-11	ELECT	2200uF	20%	35V
C3250	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3253	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3254	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3255	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3256	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3257	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3258	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3259	1-112-246-11	ELECT	100uF	20%	35V
C3262	1-112-246-11	ELECT	100uF	20%	35V
C3263	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3264	1-136-177-00	FILM	1uF	5%	50V
C3265	1-136-177-00	FILM	1uF	5%	50V
C3266	1-112-831-11	ELECT	2200uF	20%	35V
C3300	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3303	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3304	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3305	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3306	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3307	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3308	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3309	1-112-246-11	ELECT	100uF	20%	35V
C3312	1-112-246-11	ELECT	100uF	20%	35V
C3313	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3314	1-136-177-00	FILM	1uF	5%	50V
C3315	1-136-177-00	FILM	1uF	5%	50V
C3316	1-112-831-11	ELECT	2200uF	20%	35V
C3322	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3323	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3400	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3403	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3404	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3405	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3406	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3407	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3408	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3409	1-112-246-11	ELECT	100uF	20%	35V
C3412	1-112-246-11	ELECT	100uF	20%	35V
C3413	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3414	1-136-177-00	FILM	1uF	5%	50V
C3415	1-136-177-00	FILM	1uF	5%	50V
C3416	1-112-831-11	ELECT	2200uF	20%	35V
C3422	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3423	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3500	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V (EXCEPT HDX266)
C3503	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V (EXCEPT HDX266)
C3504	1-164-156-11	CERAMIC CHIP	0.1uF		25V (EXCEPT HDX266)
C3505	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V (EXCEPT HDX266)
C3506	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V (EXCEPT HDX266)
C3507	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V (EXCEPT HDX266)
C3508	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V (EXCEPT HDX266)
C3509	1-112-246-11	ELECT	100uF	20%	35V (EXCEPT HDX266)
C3512	1-112-246-11	ELECT	100uF	20%	35V (EXCEPT HDX266)
C3513	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V (EXCEPT HDX266)
C3514	1-136-177-00	FILM	1uF	5%	50V (EXCEPT HDX266)
C3515	1-136-177-00	FILM	1uF	5%	50V (EXCEPT HDX266)
C3516	1-112-831-11	ELECT	2200uF	20%	35V (EXCEPT HDX266)
C3551	1-126-960-11	ELECT	1uF	20%	50V
C3552	1-126-964-11	ELECT	10uF	20%	50V

MAIN

Ref. No.	Part No.	Description			Remark
C3553	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3556	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3901	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3902	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3903	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3904	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3911	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3912	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3913	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3914	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C4501	1-117-370-11	CERAMIC CHIP	10uF		10V
C4502	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C4504	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C9772	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		< CONNECTOR >			
CN501	1-784-380-51	CONNECTOR, FFC/FPC 23P			
CN503	1-784-368-51	CONNECTOR, FFC/FPC 9P			
CN512	1-506-469-11	PIN, CONNECTOR 4P			
CN606	1-778-691-51	CONNECTOR, FFC/FPC 19P			
CN625	1-774-744-21	CONNECTOR, BOARD TO BOARD 18P			
CN651	1-779-279-11	CONNECTOR, FFC (LIF (NON-ZIF)) 11P			
CN702	1-779-273-11	CONNECTOR, FFC (LIF (NON-ZIF)) 5P			
CN1101	1-815-763-32	CONNECTOR, FFC/FPC 24P			
* CN1105	1-770-470-21	PIN, CONNECTOR (PC BOARD) 6P			
* CN1201	1-770-470-21	PIN, CONNECTOR (PC BOARD) 6P			
CN1701	1-820-735-11	HDMI CONNECTOR (HDMI OUT (DVD ONLY))			
CN3000	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P			
CN3001	1-564-706-11	PIN, CONNECTOR (SMALL TYPE) 4P			
CN3002	1-785-102-11	PIN, CONNECTOR (3.96mm PITCH) 4P			
CN4302	1-784-370-51	CONNECTOR, FFC/FPC 11P			
		< DIODE >			
D501	6-501-193-01	DIODE	1SS355WTE-17		
D502	6-501-193-01	DIODE	1SS355WTE-17		
D504	6-501-193-01	DIODE	1SS355WTE-17		
D505	6-500-334-01	DIODE	MC2836-T112-1		
D701	6-501-579-01	DIODE	MC2837		
D3071	6-501-193-01	DIODE	1SS355WTE-17		
D3072	6-501-193-01	DIODE	1SS355WTE-17		
D3073	6-501-193-01	DIODE	1SS355WTE-17		
D3111	6-500-885-01	DIODE	P6SMBJ33A-5		
D3112	6-500-885-01	DIODE	P6SMBJ33A-5		
D3151	6-500-885-01	DIODE	P6SMBJ33A-5		
D3152	6-500-885-01	DIODE	P6SMBJ33A-5		
D3201	6-500-885-01	DIODE	P6SMBJ33A-5		
D3202	6-500-885-01	DIODE	P6SMBJ33A-5		
D3251	6-500-885-01	DIODE	P6SMBJ33A-5		
D3252	6-500-885-01	DIODE	P6SMBJ33A-5		
D3301	6-500-885-01	DIODE	P6SMBJ33A-5		
D3302	6-500-885-01	DIODE	P6SMBJ33A-5		
D3401	6-500-885-01	DIODE	P6SMBJ33A-5		
D3402	6-500-885-01	DIODE	P6SMBJ33A-5		
D3501	6-500-885-01	DIODE	P6SMBJ33A-5 (EXCEPT HDX266)		
D3502	6-500-885-01	DIODE	P6SMBJ33A-5 (EXCEPT HDX266)		
D3551	6-501-579-01	DIODE	MC2837		
D9712	6-501-193-01	DIODE	1SS355WTE-17		

Ref. No.	Part No.	Description	Remark
		< FERRITE BEAD/JUMPER RESISTOR >	
FB504	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB505	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB506	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB507	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB508	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB509	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB510	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1106	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1107	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1108	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1111	1-469-670-21	FERRITE, EMI (SMD) (2012)	
FB1112	1-469-670-21	FERRITE, EMI (SMD) (2012)	
FB1115	1-469-670-21	FERRITE, EMI (SMD) (2012)	
FB1123	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1601	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1602	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1603	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1701	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1702	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1703	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB2101	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB2103	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB2120	1-469-118-21	FERRITE, EMI (SMD) (1608)	
FB2121	1-469-118-21	FERRITE, EMI (SMD) (1608)	
FB2122	1-469-118-21	FERRITE, EMI (SMD) (1608)	
FB2123	1-469-118-21	FERRITE, EMI (SMD) (1608)	
FB2124	1-469-118-21	FERRITE, EMI (SMD) (1608)	
FB2125	1-469-118-21	FERRITE, EMI (SMD) (1608)	
FB3051	1-216-295-00	SHORT CHIP 0	
		< FILTER >	
FL1111	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL4501	1-234-177-21	FILTER, CHIP EMI	
		< IC >	
IC501	6-807-381-01	IC M30622MGP-A58FPU0	
IC502	6-702-302-01	IC TK11133CSCL-G	
IC503	6-708-922-01	IC PST3635NR	
IC504	6-709-034-01	IC NJM2887DL3 (TE2)	
IC651	6-706-487-01	IC TC7SH08FU (T5RSOYJF)	
IC772	6-710-554-01	IC PCM1808PWR	
IC1101	6-710-093-01	IC CXD9889R	
IC1102	6-807-160-01	IC S29AL032D70TF-CHI1-0701CE (HDX265: E, AUS)	
IC1102	6-807-173-01	IC S29AL032D70TF-CHI1-0701UC (HDX265: US/HDX266/HDX267W/HDX465/HDX466/HDX665)	
IC1103	(Not supplied)	IC BR24L64F-WE2	
IC1104	6-709-370-01	IC A2V64S40CTP-G75	
IC1105	6-702-302-01	IC TK11133CSCL-G	
IC1107	6-702-302-01	IC TK11133CSCL-G	
IC1110	6-707-739-01	IC MM1661JTRE	
IC1111	6-704-100-01	IC TC7PAU04FU (TE85R)	
IC1201	6-704-524-01	IC FAN8036L	
IC1701	6-708-682-01	IC CXD9873Q	
IC1702	6-702-300-01	IC TK11118CSCL-G	
IC1703	6-702-302-01	IC TK11133CSCL-G	

Note: EEPROM (IC1103) cannot exchange with single. When EEPROM (IC103) is damaged, exchange the entire mounted board.

MAIN

Ref. No.	Part No.	Description	Remark
IC1705	8-759-592-47	IC TC7SZ08FU (TE85R)	
IC1707	6-705-337-01	IC TK11150CSCL-G	
IC3001	8-759-710-97	IC NJM4565M-D	
IC3003	8-759-680-48	IC TC7WH157FK (TE85R)	
IC3010	6-707-939-01	IC CXD9843AR	
IC3020	6-707-939-01	IC CXD9843AR	
IC3030	6-707-939-01	IC CXD9843AR	
IC3050	6-702-300-01	IC TK11118CSCL-G	
IC3051	6-706-492-01	IC TC7SHU04FU (T5RSOJF)	
IC3100	6-708-921-01	IC CXD9883M	
IC3150	6-708-921-01	IC CXD9883M	
IC3200	6-708-921-01	IC CXD9883M	
IC3250	6-708-921-01	IC CXD9883M	
IC3300	6-708-921-01	IC CXD9883M	
IC3400	6-708-921-01	IC CXD9883M	
IC3500	6-708-921-01	IC CXD9883M (EXCEPT HDX266)	
IC4501	8-759-573-97	IC SN74LVC541APWR	
		< COIL >	
L701	1-414-754-11	INDUCTOR 10uH	
L3000	1-469-527-11	INDUCTOR 47uH	
L3051	1-414-754-11	INDUCTOR 10uH	
L3052	1-414-754-11	INDUCTOR 10uH	
L3053	1-414-754-11	INDUCTOR 10uH	
L3054	1-412-939-11	INDUCTOR 1uH	
L3111	1-456-680-11	INDUCTOR 10uH	
L3112	1-456-680-11	INDUCTOR 10uH	
L3151	1-456-680-11	INDUCTOR 10uH	
L3152	1-456-680-11	INDUCTOR 10uH	
L3201	1-456-680-11	INDUCTOR 10uH	
L3202	1-456-680-11	INDUCTOR 10uH	
L3251	1-456-680-11	INDUCTOR 10uH	
L3252	1-456-680-11	INDUCTOR 10uH	
L3301	1-456-680-11	INDUCTOR 10uH	
L3302	1-456-680-11	INDUCTOR 10uH	
L3401	1-456-680-11	INDUCTOR 10uH	
L3402	1-456-680-11	INDUCTOR 10uH	
L3501	1-456-680-11	INDUCTOR 10uH (EXCEPT HDX266)	
L3502	1-456-680-11	INDUCTOR 10uH (EXCEPT HDX266)	
L3901	1-457-077-11	AIR-CORE COIL	
L3902	1-457-078-11	AIR-CORE COIL	
L3903	1-457-077-11	AIR-CORE COIL	
L3904	1-457-078-11	AIR-CORE COIL	
		< TRANSISTOR >	
Q503	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q504	6-550-718-01	FET RSR025N03TL	
Q631	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q632	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q1101	6-550-008-01	FET UM6K1N-TN	
Q1102	6-550-653-01	TRANSISTOR QST8TR	
Q1103	8-729-027-52	TRANSISTOR DTC124EKA-T146	
Q1701	6-550-008-01	FET UM6K1N-TN	
Q3000	8-729-142-48	TRANSISTOR 2SD1616-TP-LK	
Q3001	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q3002	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q3081	8-729-027-23	TRANSISTOR DTA114EKA-T146	

Ref. No.	Part No.	Description	Remark
Q3101	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3102	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3151	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3152	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3201	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3202	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3251	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3252	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3301	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3302	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3401	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3402	8-729-600-22	TRANSISTOR 2SA1235-F	
Q3551	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q3552	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q3553	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q9724	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q9726	8-729-905-35	TRANSISTOR 2SC4081-R	
Q9728	8-729-905-35	TRANSISTOR 2SC4081-R	
Q9729	8-729-027-43	TRANSISTOR DTC114EKA-T146	
		< RESISTOR >	
R146	1-216-805-11	METAL CHIP 47 5% 1/10W	
R501	1-216-857-11	METAL CHIP 1M 5% 1/10W	
R502	1-216-809-11	METAL CHIP 100 5% 1/10W	
R504	1-216-833-11	METAL CHIP 10K 5% 1/10W	(HDX265: E)
R504	1-216-835-11	METAL CHIP 15K 5% 1/10W	(HDX265: AUS)
R504	1-216-841-11	METAL CHIP 47K 5% 1/10W	(EXCEPT HDX265: E, AUS)
R505	1-216-837-11	METAL CHIP 22K 5% 1/10W	(EXCEPT HDX265: E, AUS)
R505	1-216-841-11	METAL CHIP 47K 5% 1/10W	(HDX265: E, AUS)
R506	1-216-827-11	METAL CHIP 3.3K 5% 1/10W	(HDX266)
R506	1-218-867-11	METAL CHIP 6.8K 0.5% 1/10W	(HDX265/HDX267W)
R506	1-216-835-11	METAL CHIP 15K 5% 1/10W	(HDX465/HDX466)
R506	1-216-841-11	METAL CHIP 47K 5% 1/10W	(HDX665)
R507	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R508	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R509	1-216-809-11	METAL CHIP 100 5% 1/10W	
R510	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R511	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R512	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R513	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R514	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R515	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R516	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R517	1-216-809-11	METAL CHIP 100 5% 1/10W	
R518	1-216-809-11	METAL CHIP 100 5% 1/10W	
R519	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R526	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R527	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R528	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R529	1-216-821-11	METAL CHIP 1K 5% 1/10W	

MAIN

Ref. No.	Part No.	Description			Remark
R530	1-216-809-11	METAL CHIP	100	5%	1/10W
R531	1-216-833-11	METAL CHIP	10K	5%	1/10W
R532	1-216-821-11	METAL CHIP	1K	5%	1/10W
R533	1-216-809-11	METAL CHIP	100	5%	1/10W
R534	1-216-833-11	METAL CHIP	10K	5%	1/10W
R535	1-216-809-11	METAL CHIP	100	5%	1/10W
R536	1-216-864-11	SHORT CHIP	0		
R539	1-216-833-11	METAL CHIP	10K	5%	1/10W
R540	1-216-833-11	METAL CHIP	10K	5%	1/10W
R542	1-216-833-11	METAL CHIP	10K	5%	1/10W
R546	1-216-833-11	METAL CHIP	10K	5%	1/10W
R547	1-216-864-11	SHORT CHIP	0		
R548	1-216-864-11	SHORT CHIP	0		
R550	1-216-821-11	METAL CHIP	1K	5%	1/10W
R552	1-216-821-11	METAL CHIP	1K	5%	1/10W
R553	1-216-833-11	METAL CHIP	10K	5%	1/10W
R554	1-216-833-11	METAL CHIP	10K	5%	1/10W
R555	1-216-833-11	METAL CHIP	10K	5%	1/10W
R556	1-216-841-11	METAL CHIP	47K	5%	1/10W
R557	1-216-841-11	METAL CHIP	47K	5%	1/10W
R558	1-216-833-11	METAL CHIP	10K	5%	1/10W
R559	1-216-833-11	METAL CHIP	10K	5%	1/10W
R561	1-216-845-11	METAL CHIP	100K	5%	1/10W
R562	1-216-841-11	METAL CHIP	47K	5%	1/10W
R563	1-216-833-11	METAL CHIP	10K	5%	1/10W
R564	1-216-864-11	SHORT CHIP	0		
R565	1-216-864-11	SHORT CHIP	0		
R566	1-216-864-11	SHORT CHIP	0		
R567	1-216-864-11	SHORT CHIP	0		
R568	1-216-864-11	SHORT CHIP	0		
R569	1-216-864-11	SHORT CHIP	0		
R572	1-218-751-11	METAL CHIP	300K	0.5%	1/10W
R573	1-216-845-11	METAL CHIP	100K	5%	1/10W
R575	1-216-821-11	METAL CHIP	1K	5%	1/10W
R576	1-216-821-11	METAL CHIP	1K	5%	1/10W
R577	1-216-841-11	METAL CHIP	47K	5%	1/10W
R578	1-216-809-11	METAL CHIP	100	5%	1/10W
R579	1-216-821-11	METAL CHIP	1K	5%	1/10W
R580	1-216-809-11	METAL CHIP	100	5%	1/10W
R582	1-216-864-11	SHORT CHIP	0		
R583	1-216-841-11	METAL CHIP	47K	5%	1/10W
R586	1-216-833-11	METAL CHIP	10K	5%	1/10W
R587	1-216-833-11	METAL CHIP	10K	5%	1/10W
R589	1-216-295-00	SHORT CHIP	0		
R590	1-216-295-00	SHORT CHIP	0		
R596	1-216-295-00	SHORT CHIP	0		
R597	1-216-295-00	SHORT CHIP	0		
R598	1-216-296-11	SHORT CHIP	0		
R599	1-216-295-00	SHORT CHIP	0		
R601	1-216-864-11	SHORT CHIP	0		
R604	1-216-809-11	METAL CHIP	100	5%	1/10W
R605	1-216-809-11	METAL CHIP	100	5%	1/10W
R606	1-216-809-11	METAL CHIP	100	5%	1/10W
R607	1-216-809-11	METAL CHIP	100	5%	1/10W
R608	1-216-809-11	METAL CHIP	100	5%	1/10W
R612	1-216-809-11	METAL CHIP	100	5%	1/10W
R613	1-216-809-11	METAL CHIP	100	5%	1/10W
R614	1-216-809-11	METAL CHIP	100	5%	1/10W
R620	1-216-809-11	METAL CHIP	100	5%	1/10W
R621	1-216-809-11	METAL CHIP	100	5%	1/10W
R622	1-216-809-11	METAL CHIP	100	5%	1/10W
R623	1-216-809-11	METAL CHIP	100	5%	1/10W
R624	1-216-809-11	METAL CHIP	100	5%	1/10W
R625	1-216-809-11	METAL CHIP	100	5%	1/10W
R631	1-216-833-11	METAL CHIP	10K	5%	1/10W
R632	1-216-841-11	METAL CHIP	47K	5%	1/10W
R636	1-216-864-11	SHORT CHIP	0		
R637	1-216-809-11	METAL CHIP	100	5%	1/10W
R638	1-216-809-11	METAL CHIP	100	5%	1/10W
R639	1-216-809-11	METAL CHIP	100	5%	1/10W
R642	1-216-809-11	METAL CHIP	100	5%	1/10W
R651	1-216-809-11	METAL CHIP	100	5%	1/10W
R652	1-216-809-11	METAL CHIP	100	5%	1/10W
R653	1-216-809-11	METAL CHIP	100	5%	1/10W
R654	1-216-809-11	METAL CHIP	100	5%	1/10W
R655	1-216-809-11	METAL CHIP	100	5%	1/10W
R656	1-216-809-11	METAL CHIP	100	5%	1/10W
R657	1-216-809-11	METAL CHIP	100	5%	1/10W
R658	1-216-809-11	METAL CHIP	100	5%	1/10W
R659	1-216-809-11	METAL CHIP	100	5%	1/10W
R691	1-216-864-11	SHORT CHIP	0		
R692	1-216-864-11	SHORT CHIP	0		
R693	1-216-864-11	SHORT CHIP	0		
R694	1-216-864-11	SHORT CHIP	0		
R695	1-216-864-11	SHORT CHIP	0		
R696	1-216-864-11	SHORT CHIP	0		
R701	1-216-813-11	METAL CHIP	220	5%	1/10W
R702	1-216-864-11	SHORT CHIP	0		
R721	1-216-864-11	SHORT CHIP	0		
R770	1-216-809-11	METAL CHIP	100	5%	1/10W
R775	1-216-801-11	METAL CHIP	22	5%	1/10W
R776	1-216-801-11	METAL CHIP	22	5%	1/10W
R777	1-216-801-11	METAL CHIP	22	5%	1/10W
R778	1-216-864-11	SHORT CHIP	0		
R780	1-216-805-11	METAL CHIP	47	5%	1/10W
R781	1-216-805-11	METAL CHIP	47	5%	1/10W
R782	1-216-801-11	METAL CHIP	22	5%	1/10W
R783	1-216-801-11	METAL CHIP	22	5%	1/10W
R784	1-216-801-11	METAL CHIP	22	5%	1/10W
R785	1-216-801-11	METAL CHIP	22	5%	1/10W
R786	1-216-295-00	SHORT CHIP	0		
R790	1-216-864-11	SHORT CHIP	0		
R1101	1-216-809-11	METAL CHIP	100	5%	1/10W
R1102	1-216-295-00	SHORT CHIP	0		
R1103	1-216-864-11	SHORT CHIP	0		
R1105	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1106	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1107	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1108	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1109	1-216-864-11	SHORT CHIP	0		
R1110	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1111	1-216-809-11	METAL CHIP	100	5%	1/10W
R1112	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R1113	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R1114	1-216-845-11	METAL CHIP	100K	5%	1/10W

MAIN

Ref. No.	Part No.	Description			Remark
R1115	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R1116	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1117	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1118	1-216-801-11	METAL CHIP	22	5%	1/10W
R1120	1-216-801-11	METAL CHIP	22	5%	1/10W
R1121	1-216-801-11	METAL CHIP	22	5%	1/10W
R1123	1-216-864-11	SHORT CHIP	0		
R1124	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1125	1-216-805-11	METAL CHIP	47	5%	1/10W
R1132	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1133	1-216-864-11	SHORT CHIP	0		
R1135	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1136	1-216-835-11	METAL CHIP	15K	5%	1/10W
R1138	1-216-809-11	METAL CHIP	100	5%	1/10W
R1139	1-216-864-11	SHORT CHIP	0		
R1140	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1141	1-216-855-11	METAL CHIP	680K	5%	1/10W
R1142	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1145	1-216-864-11	SHORT CHIP	0		
R1147	1-216-864-11	SHORT CHIP	0		
R1148	1-216-864-11	SHORT CHIP	0		
R1151	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1152	1-216-864-11	SHORT CHIP	0		
R1153	1-216-864-11	SHORT CHIP	0		
R1154	1-216-864-11	SHORT CHIP	0		
R1155	1-216-864-11	SHORT CHIP	0		
R1156	1-216-809-11	METAL CHIP	100	5%	1/10W
R1159	1-216-805-11	METAL CHIP	47	5%	1/10W
R1160	1-216-805-11	METAL CHIP	47	5%	1/10W
R1161	1-216-805-11	METAL CHIP	47	5%	1/10W
R1169	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1170	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1171	1-216-809-11	METAL CHIP	100	5%	1/10W
R1175	1-216-864-11	SHORT CHIP	0		
R1183	1-216-805-11	METAL CHIP	47	5%	1/10W
R1184	1-216-805-11	METAL CHIP	47	5%	1/10W
R1185	1-216-805-11	METAL CHIP	47	5%	1/10W
R1191	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1193	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1204	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R1205	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1206	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1207	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R1208	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1209	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1210	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1212	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1213	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1214	1-216-835-11	METAL CHIP	15K	5%	1/10W
R1215	1-216-834-11	METAL CHIP	12K	5%	1/10W
R1216	1-216-834-11	METAL CHIP	12K	5%	1/10W
R1219	1-216-838-11	METAL CHIP	27K	5%	1/10W
R1220	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1221	1-218-889-11	METAL CHIP	56K	0.5%	1/10W
R1223	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R1224	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1225	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R1226	1-218-889-11	METAL CHIP	56K	0.5%	1/10W
R1230	1-218-893-11	METAL CHIP	82K	0.5%	1/10W
R1231	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R1232	1-218-877-11	METAL CHIP	18K	0.5%	1/10W
R1233	1-218-883-11	METAL CHIP	33K	0.5%	1/10W
R1234	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1246	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1247	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1254	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1601	1-216-295-00	SHORT CHIP	0		
R1602	1-216-295-00	SHORT CHIP	0		
R1603	1-216-295-00	SHORT CHIP	0		
R1604	1-216-295-00	SHORT CHIP	0		
R1605	1-216-296-11	SHORT CHIP	0		
R1606	1-216-295-00	SHORT CHIP	0		
R1701	1-216-809-11	METAL CHIP	100	5%	1/10W
R1702	1-216-864-11	SHORT CHIP	0		
R1703	1-216-864-11	SHORT CHIP	0		
R1704	1-216-809-11	METAL CHIP	100	5%	1/10W
R1705	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1706	1-216-864-11	SHORT CHIP	0		
R1707	1-216-864-11	SHORT CHIP	0		
R1712	1-216-809-11	METAL CHIP	100	5%	1/10W
R1713	1-218-841-11	METAL CHIP	560	0.5%	1/10W
R1714	1-216-864-11	SHORT CHIP	0		
R1721	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1722	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1723	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1726	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1727	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1728	1-216-864-11	SHORT CHIP	0		
R1730	1-218-840-11	METAL CHIP	510	0.5%	1/10W
R1731	1-216-864-11	SHORT CHIP	0		
R1734	1-216-864-11	SHORT CHIP	0		
R1736	1-216-864-11	SHORT CHIP	0		
R1738	1-216-864-11	SHORT CHIP	0		
R1740	1-216-864-11	SHORT CHIP	0		
R1742	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1744	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1746	1-216-864-11	SHORT CHIP	0		
R1747	1-216-864-11	SHORT CHIP	0		
R1748	1-216-864-11	SHORT CHIP	0		
R1749	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R1750	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R1751	1-216-864-11	SHORT CHIP	0		
R1752	1-216-864-11	SHORT CHIP	0		
R1753	1-216-864-11	SHORT CHIP	0		
R1756	1-216-864-11	SHORT CHIP	0		
R1757	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1758	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1759	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1783	1-216-864-11	SHORT CHIP	0		
R1784	1-216-864-11	SHORT CHIP	0		
R1785	1-216-864-11	SHORT CHIP	0		
R1786	1-216-864-11	SHORT CHIP	0		
R1788	1-216-864-11	SHORT CHIP	0		
R1791	1-216-864-11	SHORT CHIP	0		
R1793	1-216-864-11	SHORT CHIP	0		

MAIN

Ref. No.	Part No.	Description			Remark
R2101	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R2104	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R2107	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2110	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R2113	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2114	1-216-801-11	METAL CHIP	22	5%	1/10W
R2115	1-216-864-11	SHORT CHIP	0		
R2118	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2119	1-216-864-11	SHORT CHIP	0		
R2126	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R2127	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R2128	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2129	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2133	1-216-864-11	SHORT CHIP	0		
R2134	1-216-864-11	SHORT CHIP	0		
R2135	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R2150	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R2151	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R2152	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R2161	1-216-809-11	METAL CHIP	100	5%	1/10W
R2167	1-216-864-11	SHORT CHIP	0		
R2168	1-216-813-11	METAL CHIP	220	5%	1/10W
R2169	1-216-809-11	METAL CHIP	100	5%	1/10W
R2176	1-216-864-11	SHORT CHIP	0		
R2177	1-216-809-11	METAL CHIP	100	5%	1/10W
R2178	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2179	1-216-809-11	METAL CHIP	100	5%	1/10W
R2183	1-216-809-11	METAL CHIP	100	5%	1/10W
R2184	1-216-809-11	METAL CHIP	100	5%	1/10W
R2185	1-216-809-11	METAL CHIP	100	5%	1/10W
R2186	1-216-864-11	SHORT CHIP	0		
R2187	1-216-805-11	METAL CHIP	47	5%	1/10W
R2191	1-216-809-11	METAL CHIP	100	5%	1/10W
R2505	1-216-864-11	SHORT CHIP	0		
R2705	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2706	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2711	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R2712	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R2713	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R2714	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R2715	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R2716	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R2717	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R2718	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R2751	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3001	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3002	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3003	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R3004	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R3006	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3011	1-216-817-11	METAL CHIP	470	5%	1/10W
R3012	1-216-817-11	METAL CHIP	470	5%	1/10W
R3013	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3014	1-216-809-11	METAL CHIP	100	5%	1/10W
R3015	1-216-809-11	METAL CHIP	100	5%	1/10W
R3017	1-216-809-11	METAL CHIP	100	5%	1/10W
R3021	1-216-817-11	METAL CHIP	470	5%	1/10W

Ref. No.	Part No.	Description			Remark
R3022	1-216-817-11	METAL CHIP	470	5%	1/10W
R3023	1-216-809-11	METAL CHIP	100	5%	1/10W
R3024	1-216-809-11	METAL CHIP	100	5%	1/10W
R3026	1-216-809-11	METAL CHIP	100	5%	1/10W
R3031	1-216-817-11	METAL CHIP	470	5%	1/10W
R3032	1-216-817-11	METAL CHIP	470	5%	1/10W
R3033	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3034	1-216-809-11	METAL CHIP	100	5%	1/10W
R3035	1-216-809-11	METAL CHIP	100	5%	1/10W
R3037	1-216-809-11	METAL CHIP	100	5%	1/10W
R3040	1-216-864-11	SHORT CHIP	0		
R3041	1-216-864-11	SHORT CHIP	0		
R3042	1-216-864-11	SHORT CHIP	0		
R3043	1-216-864-11	SHORT CHIP	0		
R3044	1-216-864-11	SHORT CHIP	0		
R3045	1-216-864-11	SHORT CHIP	0		
R3046	1-216-864-11	SHORT CHIP	0		
R3050	1-216-864-11	SHORT CHIP	0		
R3051	1-216-097-11	RES-CHIP	100K	5%	1/10W
R3052	1-216-857-11	METAL CHIP	1M	5%	1/10W
R3053	1-216-809-11	METAL CHIP	100	5%	1/10W
R3054	1-216-801-11	METAL CHIP	22	5%	1/10W
R3055	1-216-809-11	METAL CHIP	100	5%	1/10W
R3057	1-216-809-11	METAL CHIP	100	5%	1/10W
R3059	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3060	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3061	1-216-864-11	SHORT CHIP	0		
R3062	1-216-809-11	METAL CHIP	100	5%	1/10W
R3063	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3064	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3065	1-216-809-11	METAL CHIP	100	5%	1/10W
R3066	1-216-809-11	METAL CHIP	100	5%	1/10W
R3067	1-216-809-11	METAL CHIP	100	5%	1/10W
R3068	1-216-809-11	METAL CHIP	100	5%	1/10W
R3069	1-216-809-11	METAL CHIP	100	5%	1/10W
R3070	1-216-809-11	METAL CHIP	100	5%	1/10W
R3071	1-216-809-11	METAL CHIP	100	5%	1/10W
R3072	1-216-809-11	METAL CHIP	100	5%	1/10W
R3073	1-216-809-11	METAL CHIP	100	5%	1/10W
R3074	1-216-809-11	METAL CHIP	100	5%	1/10W
R3075	1-216-809-11	METAL CHIP	100	5%	1/10W
R3076	1-216-809-11	METAL CHIP	100	5%	1/10W
R3077	1-216-809-11	METAL CHIP	100	5%	1/10W
R3078	1-216-809-11	METAL CHIP	100	5%	1/10W
R3079	1-216-809-11	METAL CHIP	100	5%	1/10W
R3080	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3085	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3086	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3087	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3088	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3089	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3090	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3091	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3092	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3093	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3094	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3095	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R3096	1-216-829-11	METAL CHIP	4.7K	5%	1/10W

MAIN

Ref. No.	Part No.	Description			Remark
R3097	1-216-809-11	METAL CHIP	100	5%	1/10W
R3098	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3099	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3101	1-216-809-11	METAL CHIP	100	5%	1/10W
R3102	1-216-809-11	METAL CHIP	100	5%	1/10W
R3103	1-216-864-11	SHORT CHIP	0		
R3104	1-216-864-11	SHORT CHIP	0		
R3107	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3115	1-216-864-11	SHORT CHIP	0		
R3116	1-216-864-11	SHORT CHIP	0		
R3125	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3126	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3127	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3151	1-216-809-11	METAL CHIP	100	5%	1/10W
R3152	1-216-809-11	METAL CHIP	100	5%	1/10W
R3153	1-216-864-11	SHORT CHIP	0		
R3154	1-216-864-11	SHORT CHIP	0		
R3157	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3165	1-216-864-11	SHORT CHIP	0		
R3166	1-216-864-11	SHORT CHIP	0		
R3175	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3176	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3177	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3201	1-216-809-11	METAL CHIP	100	5%	1/10W
R3202	1-216-809-11	METAL CHIP	100	5%	1/10W
R3203	1-216-864-11	SHORT CHIP	0		
R3204	1-216-864-11	SHORT CHIP	0		
R3207	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3215	1-216-864-11	SHORT CHIP	0		
R3216	1-216-864-11	SHORT CHIP	0		
R3225	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3226	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3227	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3251	1-216-809-11	METAL CHIP	100	5%	1/10W
R3252	1-216-809-11	METAL CHIP	100	5%	1/10W
R3253	1-216-864-11	SHORT CHIP	0		
R3254	1-216-864-11	SHORT CHIP	0		
R3257	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3265	1-216-864-11	SHORT CHIP	0		
R3266	1-216-864-11	SHORT CHIP	0		
R3275	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3276	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3277	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3301	1-216-809-11	METAL CHIP	100	5%	1/10W
R3302	1-216-809-11	METAL CHIP	100	5%	1/10W
R3303	1-216-864-11	SHORT CHIP	0		
R3304	1-216-864-11	SHORT CHIP	0		
R3307	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3315	1-216-864-11	SHORT CHIP	0		
R3316	1-216-864-11	SHORT CHIP	0		
R3325	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3326	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3327	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3401	1-216-809-11	METAL CHIP	100	5%	1/10W (EXCEPT HDX266)
R3402	1-216-809-11	METAL CHIP	100	5%	1/10W (EXCEPT HDX266)
R3403	1-216-864-11	SHORT CHIP	0		
R3404	1-216-864-11	SHORT CHIP	0		
R3407	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3415	1-216-864-11	SHORT CHIP	0		
R3416	1-216-864-11	SHORT CHIP	0		
R3425	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3426	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3427	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3501	1-216-809-11	METAL CHIP	100	5%	1/10W
R3502	1-216-809-11	METAL CHIP	100	5%	1/10W
R3503	1-216-864-11	SHORT CHIP	0 (EXCEPT HDX266)		
R3504	1-216-864-11	SHORT CHIP	0 (EXCEPT HDX266)		
R3507	1-216-835-11	METAL CHIP	15K	5%	1/10W (EXCEPT HDX266)
R3515	1-216-864-11	SHORT CHIP	0 (EXCEPT HDX266)		
R3516	1-216-864-11	SHORT CHIP	0 (EXCEPT HDX266)		
R3551	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3552	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3553	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3554	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3555	1-216-864-11	SHORT CHIP	0		
R3556	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3557	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3558	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3901	1-216-296-11	SHORT CHIP	0		
R3902	1-216-296-11	SHORT CHIP	0		
R3905	1-216-296-11	SHORT CHIP	0		
R3906	1-216-296-11	SHORT CHIP	0		
R3907	1-216-864-11	SHORT CHIP	0		
R3911	1-216-864-11	SHORT CHIP	0		
R3912	1-216-864-11	SHORT CHIP	0		
R3913	1-216-864-11	SHORT CHIP	0		
R3914	1-216-864-11	SHORT CHIP	0		
R3917	1-216-864-11	SHORT CHIP	0		
R3918	1-216-864-11	SHORT CHIP	0		
R3919	1-216-864-11	SHORT CHIP	0		
R3920	1-216-864-11	SHORT CHIP	0 (EXCEPT HDX266)		
R3921	1-216-864-11	SHORT CHIP	0 (EXCEPT HDX266)		
R4002	1-216-864-11	SHORT CHIP	0		
R4501	1-216-801-11	METAL CHIP	22	5%	1/10W
R4502	1-216-801-11	METAL CHIP	22	5%	1/10W
R4510	1-216-805-11	METAL CHIP	47	5%	1/10W
R4511	1-216-805-11	METAL CHIP	47	5%	1/10W
R4512	1-216-864-11	SHORT CHIP	0		
R4514	1-216-805-11	METAL CHIP	47	5%	1/10W
R4515	1-216-805-11	METAL CHIP	47	5%	1/10W
R4516	1-216-805-11	METAL CHIP	47	5%	1/10W
R4517	1-216-864-11	SHORT CHIP	0		
R4519	1-216-864-11	SHORT CHIP	0		
R4521	1-216-864-11	SHORT CHIP	0		
R4701	1-216-864-11	SHORT CHIP	0		
R4702	1-216-864-11	SHORT CHIP	0		
R4703	1-216-864-11	SHORT CHIP	0		
R4704	1-216-864-11	SHORT CHIP	0		
R4705	1-216-864-11	SHORT CHIP	0		
R4706	1-216-864-11	SHORT CHIP	0		
R4717	1-216-864-11	SHORT CHIP	0		
R4718	1-216-864-11	SHORT CHIP	0		

MAIN **MOTOR** **POWER**

Ref. No.	Part No.	Description			Remark
R4805	1-216-801-11	METAL CHIP	22	5%	1/10W
R9918	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9920	1-216-864-11	SHORT CHIP	0		
R9922	1-216-833-11	METAL CHIP	10K	5%	1/10W
R9924	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9928	1-216-837-11	METAL CHIP	22K	5%	1/10W
R9929	1-216-837-11	METAL CHIP	22K	5%	1/10W
R9934	1-216-833-11	METAL CHIP	10K	5%	1/10W
R9935	1-216-864-11	SHORT CHIP	0		
R9941	1-216-838-11	METAL CHIP	27K	5%	1/10W
R9945	1-216-813-11	METAL CHIP	220	5%	1/10W
		< COMPOSITION CIRCUIT BLOCK >			
RB1103	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1104	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1105	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1106	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1107	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1108	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1109	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
RB1110	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
RB1111	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1112	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
RB1113	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
RB1114	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1115	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1116	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1117	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1701	1-234-378-21	RES, NETWORK	10K (1005X4)		
RB1702	1-234-378-21	RES, NETWORK	10K (1005X4)		
RB1711	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
RB1712	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
		< TERMINAL >			
TB3901	1-780-453-11	TERMINAL BOARD (SPEAKER) 2P (SPEAKER)			
		< VIBRATOR >			
X501	1-795-058-21	VIBRATOR, CERAMIC (5MHz)			
X1101	1-795-630-11	VIBRATOR, CRYSTAL (27MHz)			
X3051	1-795-660-21	QUARTZ CRYSTAL UNIT (49.152MHz)			
**********					
		MOTOR BOARD			
		**********			
		< SWITCH >			
S761	1-786-704-11	SWITCH, LEVER (SUB TRAY OUT)			
**********					
	A-1221-008-A	POWER BOARD, COMPLETE (HDX265: US/ HDX266/HDX267W/HDX465/HDX466/HDX665)			
	A-1221-034-A	POWER BOARD, COMPLETE (HDX265: E, AUS)			
		**********			
	7-685-647-79	SCREW +BVTP 3X10 TYPE2 TT (B)			
		< CAPACITOR >			
⚠C901	1-165-529-11	MYLAR	0.22uF	10	275V
⚠C902	1-165-529-11	MYLAR	0.22uF	10	275V

Ref. No.	Part No.	Description			Remark
⚠C903	1-112-330-11	ELECT (BLOCK)	1000uF	20%	200V (EXCEPT HDX265: E, AUS)
⚠C903	1-112-333-11	ELECT (BLOCK)	330uF	20%	450V (HDX265: E, AUS)
⚠C905	1-112-334-91	FILM	0.01uF	5%	400V (EXCEPT HDX265: E, AUS)
⚠C905	1-112-335-91	FILM	0.0033uF	5%	400V (HDX265: E, AUS)
⚠C906	1-117-815-11	FILM	1000PF	3%	1.5KV (HDX265: E, AUS)
⚠C907	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V (HDX265: E, AUS)
⚠C907	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V (EXCEPT HDX265: E, AUS)
⚠C908	1-107-909-11	ELECT	47uF	20%	50V
⚠C909	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
⚠C910	1-107-906-11	ELECT	10uF	20%	50V (EXCEPT HDX265: E, AUS)
⚠C910	1-107-907-11	ELECT	22uF	20%	50V (HDX265: E, AUS)
⚠C911	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
⚠C913	1-117-693-11	CERAMIC	100PF	10%	250V
⚠C918	1-113-925-11	CERAMIC	0.01uF	20%	250V
⚠C920	1-113-925-11	CERAMIC	0.01uF	20%	250V
⚠C922	1-128-560-11	ELECT	22uF	20%	100V
⚠C923	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
⚠C924	1-126-961-11	ELECT	2.2uF	20%	50V
⚠C925	1-107-974-11	CERAMIC	47PF	5%	2KV
⚠C928	1-113-896-11	CERAMIC	220PF	10%	250V (EXCEPT HDX265: E, AUS)
⚠C929	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
⚠C930	1-117-693-11	CERAMIC	100PF	10%	250V
C932	1-100-924-21	ELECT	2200uF	20%	35V
C933	1-100-924-21	ELECT	2200uF	20%	35V
C934	1-112-831-11	ELECT	2200uF	20%	35V
C935	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C936	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C937	1-100-756-91	CERAMIC CHIP	0.047uF		50V
⚠C938	1-113-898-11	CERAMIC	330PF	10%	250V (EXCEPT HDX265: E, AUS)
⚠C938	1-113-900-11	CERAMIC	470PF	10%	250V (HDX265: E, AUS)
C939	1-136-165-00	FILM	0.1uF	5%	50V
C940	1-128-947-31	ELECT	3300uF	20%	10V
C941	1-128-954-11	ELECT	1000uF	20%	25V
C942	1-126-941-11	ELECT	470uF	20%	25V
C943	1-126-933-11	ELECT	100uF	20%	16V
C944	1-128-951-21	ELECT	2200uF	20%	16V
C945	1-126-935-11	ELECT	470uF	20%	16V
C946	1-128-950-21	ELECT	1000uF	20%	16V
C947	1-104-665-11	ELECT	100uF	20%	25V
C948	1-126-935-11	ELECT	470uF	20%	16V
C949	1-104-665-11	ELECT	100uF	20%	25V
C951	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C952	1-100-756-91	CERAMIC CHIP	0.047uF		50V
C953	1-117-214-11	CERAMIC	0.001uF	10%	2KV
C954	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C955	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C958	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C960	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V

Ref. No.	Part No.	Description			Remark
C961	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
⚠C963	1-113-900-11	CERAMIC	470PF	10%	250V (HDX265: E, AUS)
⚠C963	1-113-907-51	CERAMIC	0.0022uF	20%	250V (EXCEPT HDX265: E, AUS)
⚠C964	1-113-900-11	CERAMIC	470PF	10%	250V (HDX265: E, AUS)
⚠C964	1-113-907-51	CERAMIC	0.0022uF	20%	250V (EXCEPT HDX265: E, AUS)
C967	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C968	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C969	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C970	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C971	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C976	1-126-933-11	ELECT	100uF	20%	16V
⚠C980	1-117-828-11	FILM	3300PF	3%	1.5KV (EXCEPT HDX265: E, AUS)
C981	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
		< CONNECTOR >			
CN901	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
CN903	1-564-505-11	PLUG, CONNECTOR 2P			
* CN906	1-564-714-11	PIN, CONNECTOR (SMALL TYPE) 12P			
CN907	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P			
		< DIODE >			
⚠D901	8-719-082-57	DIODE D5SBA60F01			
⚠D905	8-719-063-74	DIODE D1NL20U-TR2			
⚠D906	6-501-193-01	DIODE 1SS355WTE-17			
⚠D907	6-501-193-01	DIODE 1SS355WTE-17			
⚠D908	6-501-193-01	DIODE 1SS355WTE-17			
⚠D909	6-501-193-01	DIODE 1SS355WTE-17			
⚠D910	6-501-193-01	DIODE 1SS355WTE-17			
⚠D913	6-500-241-01	DIODE SARS03			
⚠D914	6-501-193-01	DIODE 1SS355WTE-17			
⚠D915	6-501-174-01	DIODE UDZW-TE17-10B			
⚠D921	6-501-424-01	DIODE STO2D-140			
⚠D922	8-719-063-74	DIODE D1NL20U-TR2			
⚠D923	6-501-174-01	DIODE UDZW-TE17-10B			
⚠D924	6-501-183-01	DIODE UDZW-TE17-24B			
⚠D925	6-501-167-01	DIODE UDZW-TE17-5.1B			
⚠D926	6-501-174-01	DIODE UDZW-TE17-10B			
D931	6-501-849-01	DIODE FMX-22SL			
D932	6-501-167-01	DIODE UDZW-TE17-5.1B			
D941	6-500-288-11	DIODE EK19LF-F7			
D942	8-719-080-53	DIODE RK36LF-B3			
D943	8-719-080-53	DIODE RK36LF-B3			
D944	6-500-288-11	DIODE EK19LF-F7			
D945	6-501-181-01	DIODE UDZW-TE17-20B			
		< FUSE HOLDER >			
FH901	1-533-217-41	HOLDER, FUSE			
FH902	1-533-217-41	HOLDER, FUSE			
		< FUSIBLE >			
⚠FR901	1-242-949-11	FUSIBLE	0.1	10%	1W (HDX265: E, AUS)

Ref. No.	Part No.	Description			Remark
		< IC >			
⚠IC901	6-707-741-01	IC STR-F6138-LF1352			(EXCEPT HDX265: E, AUS)
⚠IC901	6-707-742-01	IC STR-F6168-LF1352 (HDX265: E, AUS)			
⚠IC921	6-707-740-01	IC STR-V153			
IC931	8-759-648-34	IC TA76431AS (TPE6)			
IC941	6-705-308-01	IC SI-3010KM-TL			
IC942	6-705-308-01	IC SI-3010KM-TL			
IC943	6-705-308-01	IC SI-3010KM-TL			
IC951	6-707-743-01	IC TA76L431S (TPE6, Q)			
		< COIL >			
L931	1-457-438-11	INDUCTOR	5.6uH		
L941	1-414-398-11	INDUCTOR	10uH		
L942	1-414-398-11	INDUCTOR	10uH		
L943	1-414-398-11	INDUCTOR	10uH		
L944	1-414-398-11	INDUCTOR	10uH		
L945	1-414-398-11	INDUCTOR	10uH		
L947	1-414-398-11	INDUCTOR	10uH		
L948	1-414-398-11	INDUCTOR	10uH		
L951	1-414-398-11	INDUCTOR	10uH		
L952	1-414-398-11	INDUCTOR	10uH		
		< LINE FILTER >			
⚠LF901	1-457-054-21	COIL, LINE FILTER			
⚠LF902	1-457-054-21	COIL, LINE FILTER			
		< PHOTO COUPLER >			
⚠PC901	6-600-438-01	PHOTO COUPLER TLP421F (D4-GR)			
⚠PC902	6-600-438-01	PHOTO COUPLER TLP421F (D4-GR)			
⚠PC903	6-600-438-01	PHOTO COUPLER TLP421F (D4-GR)			
		< TRANSISTOR >			
⚠Q901	8-729-140-04	TRANSISTOR	2SB1116A-L		
⚠Q921	8-729-142-51	TRANSISTOR	2SD1616A-TP-LK		
Q943	1-801-806-11	TRANSISTOR	RT1N441C-TP-1		
Q945	6-550-718-01	FET	RSR025N03TL		
Q947	1-801-806-11	TRANSISTOR	RT1N441C-TP-1		
		< RESISTOR >			
⚠R901	1-219-759-11	METAL	1M	5%	1/2W F
⚠R903	1-215-926-00	METAL OXIDE	33K	5%	3W F (EXCEPT HDX265: E, AUS)
⚠R903	1-215-929-11	METAL OXIDE	100K	5%	3W F (HDX265: E, AUS)
⚠R904	1-215-926-00	METAL OXIDE	33K	5%	3W F (EXCEPT HDX265: E, AUS)
⚠R904	1-215-929-11	METAL OXIDE	100K	5%	3W F (HDX265: E, AUS)
⚠R905	1-216-797-11	METAL CHIP	10	5%	1/10W
⚠R906	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
⚠R907	1-216-833-11	METAL CHIP	10K	5%	1/10W
⚠R908	1-260-105-11	CARBON	3.3K	5%	1/2W
⚠R909	1-216-845-11	METAL CHIP	100K	5%	1/10W
⚠R910	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
⚠R911	1-216-813-11	METAL CHIP	220	5%	1/10W
⚠R912	1-216-361-61	METAL OXIDE	0.22	5%	2W F (EXCEPT HDX265: E, AUS)

POWER **PW-SW** **RELAY**

Ref. No.	Part No.	Description				Remark
⚠R912	1-216-363-00	METAL OXIDE	0.33	5%	2W F	(HDX265: E, AUS)
⚠R913	1-216-361-61	METAL OXIDE	0.22	5%	2W F	(EXCEPT HDX265: E, AUS)
⚠R914	1-219-718-11	METAL	0.1	10%	5W F	(HDX265: E, AUS)
⚠R914	1-243-669-11	METAL	0.05	5%	5W F	(EXCEPT HDX265: E, AUS)
⚠R919	1-216-836-11	METAL CHIP	18K	5%	1/10W	
⚠R922	1-216-793-11	METAL CHIP	4.7	5%	1/10W	
⚠R923	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
⚠R925	1-216-797-11	METAL CHIP	10	5%	1/10W	
⚠R926	1-216-855-11	METAL CHIP	680K	5%	1/10W	
⚠R927	1-216-348-00	METAL OXIDE	0.82	5%	1W F	(EXCEPT HDX265: E, AUS)
⚠R927	1-216-349-00	METAL OXIDE	1	5%	1W F	(HDX265: E, AUS)
⚠R929	1-246-106-11	METAL OXIDE	2.2	5%	1/2W F	
R931	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W	
R932	1-218-883-11	METAL CHIP	33K	0.5%	1/10W	
R933	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R934	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R935	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R936	1-216-853-11	METAL CHIP	470K	5%	1/10W	
R937	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R938	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R939	1-218-859-11	METAL CHIP	3.3K	0.5%	1/10W	
R940	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R941	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R942	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R943	1-216-839-11	METAL CHIP	33K	5%	1/10W	
R945	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R946	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R948	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R949	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R951	1-218-831-11	METAL CHIP	220	0.5%	1/10W	
R952	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W	
R953	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W	
R954	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R955	1-216-817-11	METAL CHIP	470	5%	1/10W	
R956	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R957	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R958	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R960	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R962	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W	
R965	1-218-865-11	METAL CHIP	5.6K	0.5%	1/10W	
R966	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R967	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R968	1-216-821-11	METAL CHIP	1K	5%	1/10W	
⚠R969	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R971	1-216-864-11	SHORT CHIP	0			
R972	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R974	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	
R979	1-216-864-11	SHORT CHIP	0			
		< TRANSFORMER >				
⚠T901	1-443-649-11	TRANSFORMER, CONVERTER				(EXCEPT HDX265: E, AUS)
⚠T901	1-443-874-11	TRANSFORMER, CONVERTER				(HDX265: E, AUS)
⚠T902	1-443-650-11	TRANSFORMER, CONVERTER				
		< THERMISTOR >				
⚠TH901	1-805-841-21	THERMISTOR, NTC 3.0				(EXCEPT HDX265: E, AUS)
⚠TH901	1-805-842-21	THERMISTOR, NTC 6.0 (HDX265: E, AUS)				
		< VARISTOR >				
⚠VDR901	1-805-482-11	VARISTOR				
**********						
		PW-SW BOARD				
		**********				
		< SWITCH >				
S920	1-771-349-41	SWITCH, KEYBOARD (I/⏻)				
**********						
	A-4750-232-A	RELAY BOARD, COMPLETE				(including ENCODER board)
		**********				
		< CAPACITOR >				
C701	1-126-786-11	ELECT	47uF	20%	16V	
C702	1-126-791-11	ELECT	10uF	20%	35V	
C761	1-162-306-11	CERAMIC	0.01uF	20%	16V	
C762	1-162-306-11	CERAMIC	0.01uF	20%	16V	
		< CONNECTOR >				
CN701	1-779-558-11	CONNECTOR, FFC (LIF (NON-ZIF)) 21P				
		< DIODE >				
D701	8-719-921-40	DIODE MTZJ-4.7C				
D711	8-719-982-10	DIODE MTZJ-4.3A				
		< IC >				
IC701	8-759-598-69	IC BA6956AN				
IC711	8-759-598-69	IC BA6956AN				
		< TRANSISTOR >				
Q751	8-729-119-78	TRANSISTOR	2SC2785-HFE			
		< RESISTOR >				
R701	1-249-415-11	CARBON	680	5%	1/4W	
R702	1-247-807-31	CARBON	100	5%	1/4W	
R711	1-249-415-11	CARBON	680	5%	1/4W	
R712	1-247-807-31	CARBON	100	5%	1/4W	
R751	1-247-806-11	CARBON	91	5%	1/4W	
R752	1-249-429-11	CARBON	10K	5%	1/4W	
R753	1-249-429-11	CARBON	10K	5%	1/4W	
R754	1-249-430-11	CARBON	12K	5%	1/4W	
R755	1-249-429-11	CARBON	10K	5%	1/4W	
**********						

Ref. No.	Part No.	Description			Remark
		SENSOR BOARD			
		**********			
		< IC >			
IC751	8-759-989-76	IC RPR-359F			
**********					
		SIRIPARA BOARD			
		**********			
		< CAPACITOR >			
C621	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C622	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C623	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C624	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C625	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C628	1-126-933-11	ELECT	100uF	20%	16V
C629	1-124-584-00	ELECT	100uF	20%	6.3V
		< CONNECTOR >			
CN625	1-774-743-41	CONNECTOR, BOARD TO BOARD 18P			
CN626	1-779-558-11	CONNECTOR, FFC (LIF (NON-ZIF)) 21P			
		< IC >			
IC621	6-707-095-01	IC BH2210FV-E2			
IC622	6-707-095-01	IC BH2210FV-E2			
		< RESISTOR >			
R621	1-216-809-11	METAL CHIP	100	5%	1/10W
R622	1-216-833-11	METAL CHIP	10K	5%	1/10W
R623	1-216-809-11	METAL CHIP	100	5%	1/10W
R628	1-216-809-11	METAL CHIP	100	5%	1/10W
R629	1-216-813-11	METAL CHIP	220	5%	1/10W
R630	1-216-813-11	METAL CHIP	220	5%	1/10W
R631	1-216-813-11	METAL CHIP	220	5%	1/10W
R632	1-216-809-11	METAL CHIP	100	5%	1/10W
R633	1-216-809-11	METAL CHIP	100	5%	1/10W
R634	1-216-813-11	METAL CHIP	220	5%	1/10W
R635	1-216-833-11	METAL CHIP	10K	5%	1/10W
R638	1-216-809-11	METAL CHIP	100	5%	1/10W
R639	1-216-809-11	METAL CHIP	100	5%	1/10W
R640	1-216-809-11	METAL CHIP	100	5%	1/10W
R641	1-216-809-11	METAL CHIP	100	5%	1/10W
R642	1-216-809-11	METAL CHIP	100	5%	1/10W
R643	1-216-809-11	METAL CHIP	100	5%	1/10W
R644	1-216-809-11	METAL CHIP	100	5%	1/10W
R645	1-216-809-11	METAL CHIP	100	5%	1/10W
R646	1-216-809-11	METAL CHIP	100	5%	1/10W
R647	1-216-809-11	METAL CHIP	100	5%	1/10W
R648	1-216-809-11	METAL CHIP	100	5%	1/10W
R649	1-216-809-11	METAL CHIP	100	5%	1/10W
R650	1-216-809-11	METAL CHIP	100	5%	1/10W
R651	1-216-809-11	METAL CHIP	100	5%	1/10W
R652	1-216-809-11	METAL CHIP	100	5%	1/10W
R653	1-216-809-11	METAL CHIP	100	5%	1/10W
R654	1-216-809-11	METAL CHIP	100	5%	1/10W
R655	1-216-809-11	METAL CHIP	100	5%	1/10W
R656	1-216-809-11	METAL CHIP	100	5%	1/10W
R657	1-216-809-11	METAL CHIP	100	5%	1/10W
R658	1-216-809-11	METAL CHIP	100	5%	1/10W
R659	1-216-809-11	METAL CHIP	100	5%	1/10W
R660	1-216-809-11	METAL CHIP	100	5%	1/10W
R661	1-216-809-11	METAL CHIP	100	5%	1/10W
R662	1-216-809-11	METAL CHIP	100	5%	1/10W
R663	1-216-809-11	METAL CHIP	100	5%	1/10W
**********					
		SPEAKER BOARD			
		**********			
		< CAPACITOR >			
C780	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C781	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C782	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C783	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C784	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C785	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C786	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C787	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C788	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C789	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C790	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C791	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C792	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C793	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C794	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C795	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
		< CONNECTOR >			
* CN780	1-564-523-11	PLUG, CONNECTOR 8P			
		< TERMINAL >			
TB780	1-780-454-11	TERMINAL BOARD (SPEAKER) 4P (SPEAKER)			
**********					
		SW (1) BOARD			
		**********			
		< SWITCH >			
S721	1-786-084-11	SWITCH, DETECTION (MAIN TRAY IN/OUT)			
**********					
		SW (2) BOARD			
		**********			
		< SWITCH >			
S731	1-786-382-11	SWITCH, PUSH (1 KEY) (SUB TRAY IN)			
**********					

Ref. No.	Part No.	Description	Remark
		MISCELLANEOUS **********	
8	1-693-727-11	TUNER (FM/AM) (HDX265: E, AUS)	
8	1-693-728-11	TUNER (FM/AM) (HDX265: US/HDX266/HDX267W/HDX465/HDX466/HDX665)	
⚠11	1-696-848-81	CORD, POWER (HDX265: AUS)	
⚠11	1-777-071-23	CORD, POWER (HDX265: E)	
⚠11	1-830-190-11	CORD, POWER (HDX265: US/HDX266/HDX267W/HDX465/HDX466/HDX665)	
14	1-828-317-11	WIRE (FLAT TYPE) (11 CORE)	
15	1-828-361-11	WIRE (FLAT TYPE) (19 CORE)	
16	1-828-293-11	WIRE (FLAT TYPE) (5 CORE)	
17	1-828-009-11	WIRE (FLAT TYPE) (11 CORE)	
18	1-828-953-11	WIRE (FLAT TYPE) (9 CORE)	
19	1-828-308-11	WIRE (FLAT TYPE) (9 CORE)	
112	1-828-369-11	WIRE (FLAT TYPE) (21 CORE)	
⚠302	8-820-291-02	OPTICAL PICK-UP BLOCK (KHM-310CAB/C2RP) (Including sled motor, spindle motor)	
⚠302	8-820-322-04	OPTICAL PICK-UP BLOCK (KHM-313CAB/C2RP) (Including sled motor, spindle motor)	
306	1-828-774-51	WIRE (FLAT TYPE) (24 CORE)	
⚠F901	1-533-311-12	FUSE, GLASS CYLINDRICAL (DIA.5) (8A/125V) (HDX265: US/HDX266/HDX267W/HDX465/HDX466/HDX665)	
⚠F901	1-576-233-51	FUSE (H.B.C.) (T6.3AL/250V) (HDX265: E, AUS)	
M3000	1-787-396-11	D.C. FAN (50 SQUARE)	
M761	A-4713-174-A	MOTOR (81) ASSY (LD/ST MOTOR)	
M762	A-4713-174-A	MOTOR (81) ASSY (BU U/D MOTOR)	
S771	1-478-552-11	ENCODER, ROTARY (MD)	
S781	1-478-551-11	ENCODER, ROTARY (ST U/D ENCORDER)	

Note: If wire (flat type) is replaced, install it after bending it in the same form as that before replacement.

Note: Refer to the Servicing Notes "HOW TO IDENTIFY OPTICAL PICK-UP BLOCK" (page 7), if replacing the Ref. No. 302.

HCD-HDX265/HDX266/HDX267W/ HDX465/HDX466/HDX665

SONY

SERVICE MANUAL

Ver. 1.1 2007.03

US Model
HCD-HDX265/HDX266/HDX267W/HDX465
Canadian Model
HCD-HDX466/HDX665
E Model
Australian Model
HCD-HDX265

SUPPLEMENT-1

File this supplement with the service manual.

Subject:
- **Change of MAIN and DMPORT boards (Suffix-12)**
- **Change of EN, LED, DIAT CON, SPEAKER and PW-SW boards (Suffix-13)**

In this set, MAIN, DMPORT, EN, LED, DIAT CON, SPEAKER and PW-SW boards have been changed in the midway of production.
Printed wiring boards and schematic diagrams of new type, and changed parts list are described in this supplement-1.
Refer to original service manual for other information.

TABLE OF CONTENTS

1. NEW/FORMER DISCRIMINATION 2

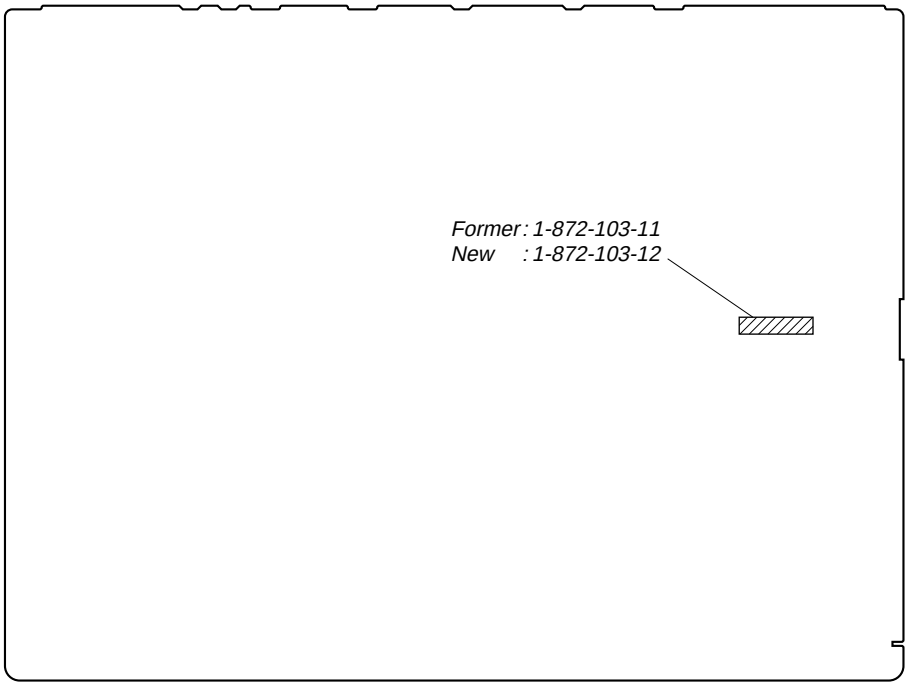
2. DIAGRAMS
2-1. Schematic Diagram – MAIN Board (1/13) – 4
2-2. Schematic Diagram – MAIN Board (2/13) – 5
2-3. Schematic Diagram – MAIN Board (3/13) – 6
2-4. Schematic Diagram – MAIN Board (4/13) – 7
2-5. Schematic Diagram – MAIN Board (5/13) – 8
2-6. Schematic Diagram – MAIN Board (6/13) – 9
2-7. Schematic Diagram – MAIN Board (7/13) – 10
2-8. Schematic Diagram – MAIN Board (8/13) – 11
2-9. Schematic Diagram – MAIN Board (9/13) – 12
2-10. Schematic Diagram – MAIN Board (10/13) – 13
2-11. Schematic Diagram – MAIN Board (11/13) – 14
2-12. Schematic Diagram – MAIN Board (12/13) – 15
2-13. Schematic Diagram – MAIN Board (13/13) – 16
2-14. Printed Wiring Board – MAIN Board (Component Side) – 17
2-15. Printed Wiring Board – MAIN Board (Conductor Side) – 18
2-16. Printed Wiring Board – DMPORT Board – 19
2-17. Schematic Diagram – DMPORT Board – 20
2-18. Printed Wiring Boards – PANEL Section – 21
2-19. Schematic Diagram – PANEL Section – 22

3. ELECTRICAL PARTS LIST 23

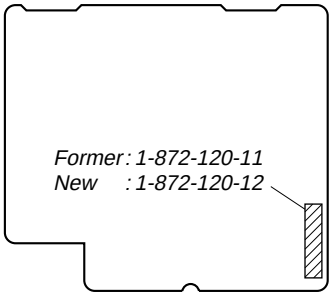
9-887-551-81

1. NEW/FORMER DISCRIMINATION

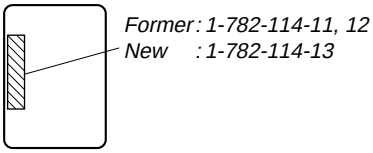
– MAIN BOARD (Component Side) –



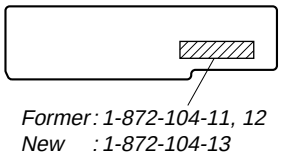
– DMPORT BOARD –
(Component Side)



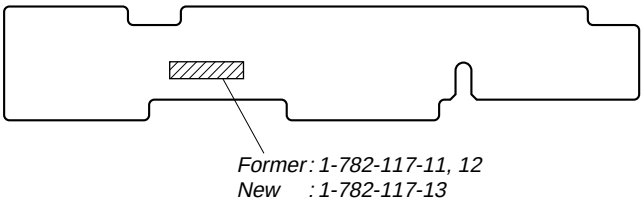
– EN BOARD –
(Component Side)



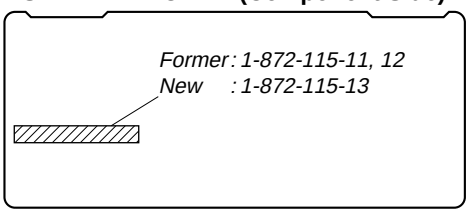
– LED BOARD –
(Component Side)



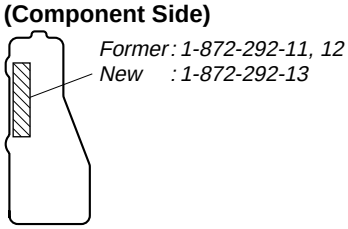
– DIAT CON BOARD (Component Side) –



– SPEAKER BOARD (Component Side) –



– PW-SW BOARD –
(Component Side)



2. DIAGRAMS

- **Note for Printed Wiring Boards and Schematic Diagrams**

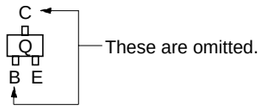
Note on Printed Wiring Board:

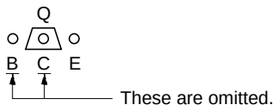
- ○——— : parts extracted from the component side.
- ——— : parts extracted from the conductor side.
- △ : internal component.
- ▬ : Pattern from the side which enables seeing.

(The other layers' patterns are not indicated.)

Caution:	
Pattern face side: (Conductor Side)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Component Side)	Parts on the parts face side seen from the parts face are indicated.

- MAIN board is multi-layer printed board.
  However, the patterns of intermediate-layer have not been included in diagram.
- Indication of transistor

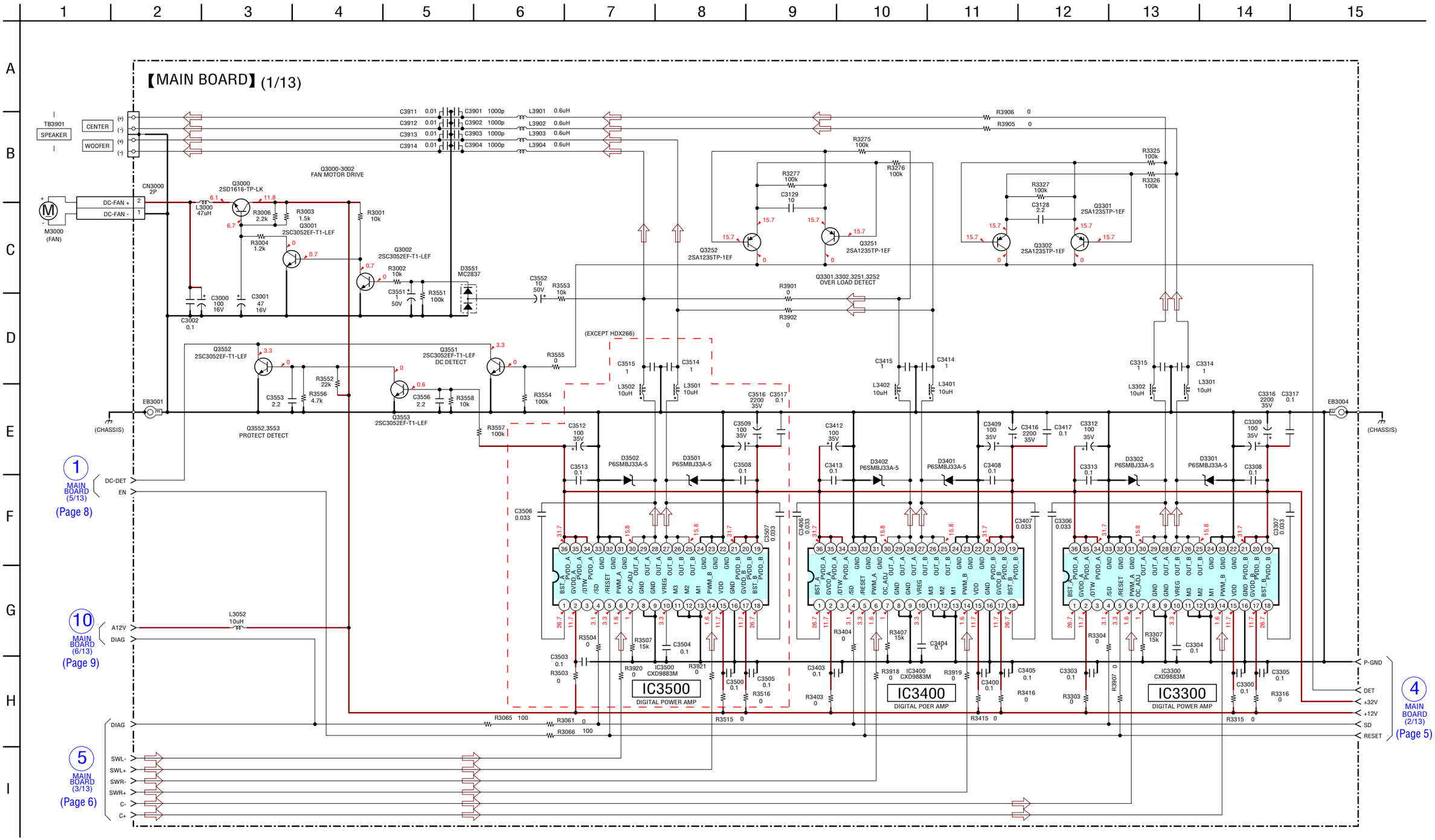




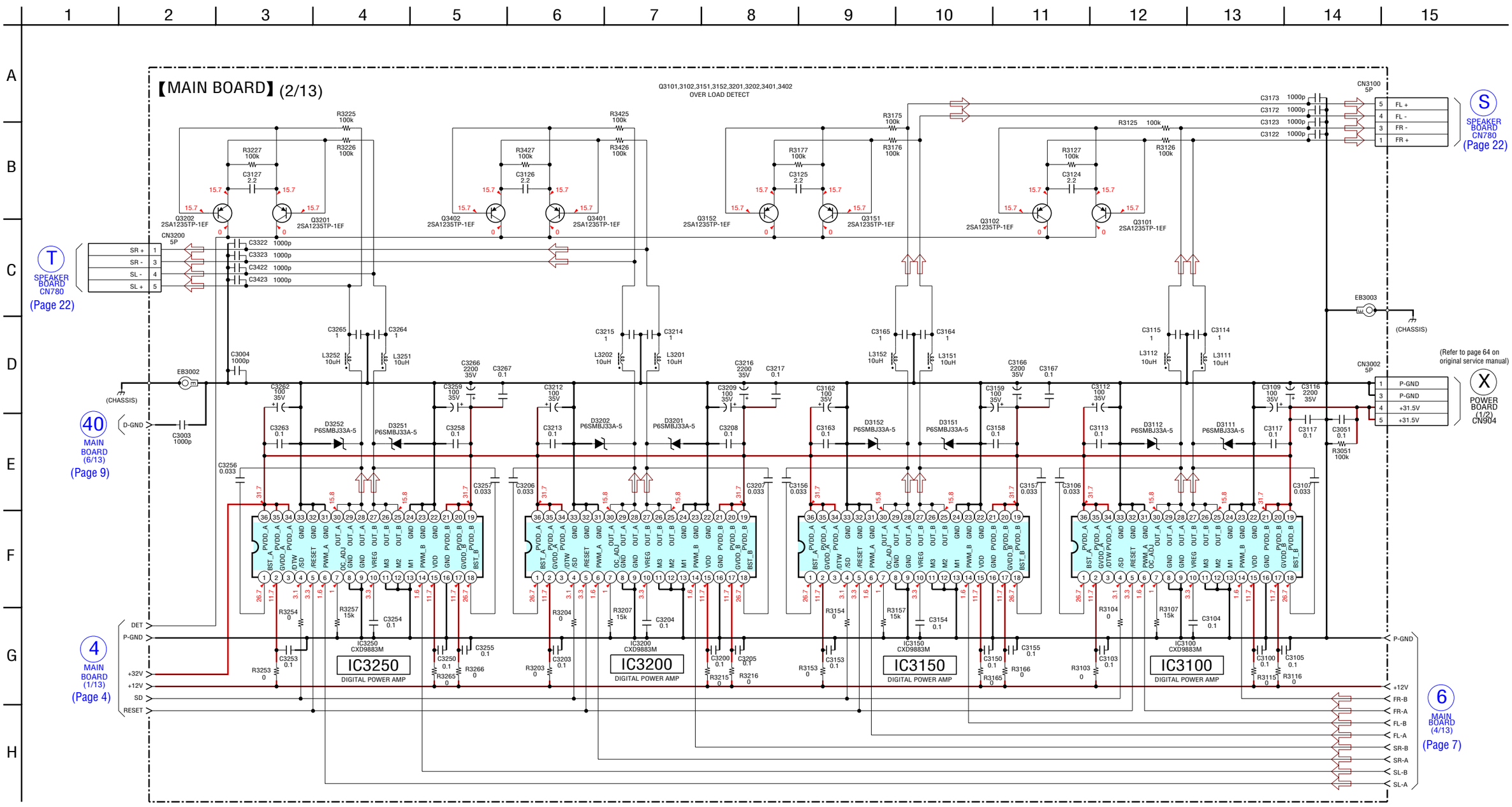
Note on Schematic Diagram:

- All capacitors are in µF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- ▭ : panel designation.
- ▬ : B+ Line.
- ▬ ▬ ▬ : B– Line.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
  no mark : TUNER
  ( ) : DVD PLAY
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : AUDIO
  ⇨ : CD/DVD PLAY
  ⇨ : TUNER
  ⇨ : AUDIO IN
  ⇨ : VIDEO

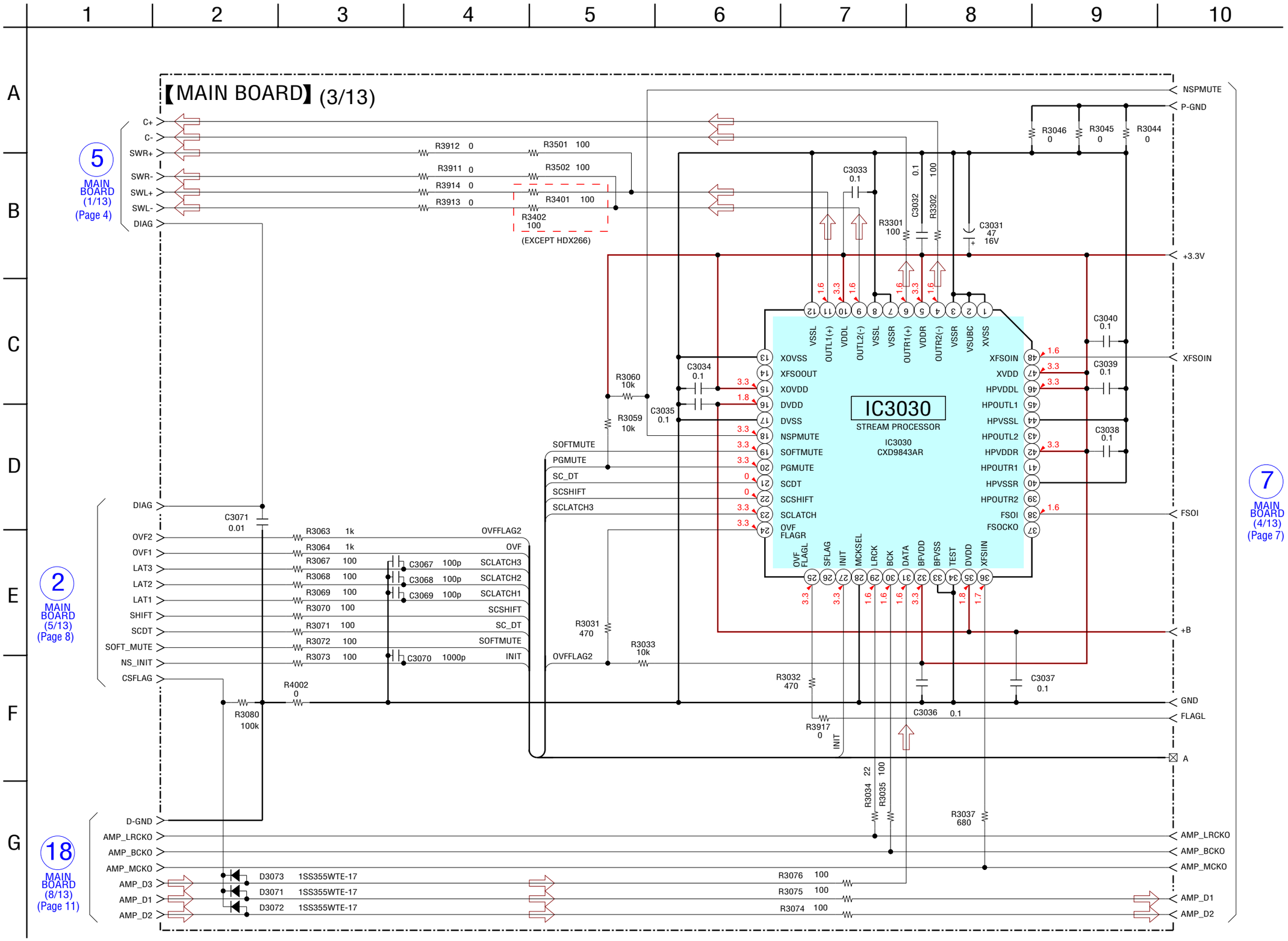
2-1. SCHEMATIC DIAGRAM – MAIN Board (1/13) –



2-2. SCHEMATIC DIAGRAM – MAIN Board (2/13) –



2-3. SCHEMATIC DIAGRAM – MAIN Board (3/13) –



2-4. SCHEMATIC DIAGRAM – MAIN Board (4/13) –

【MAIN BOARD】(4/13)

IC3020 STREAM PROCESSOR IC3020 CXD9843AR

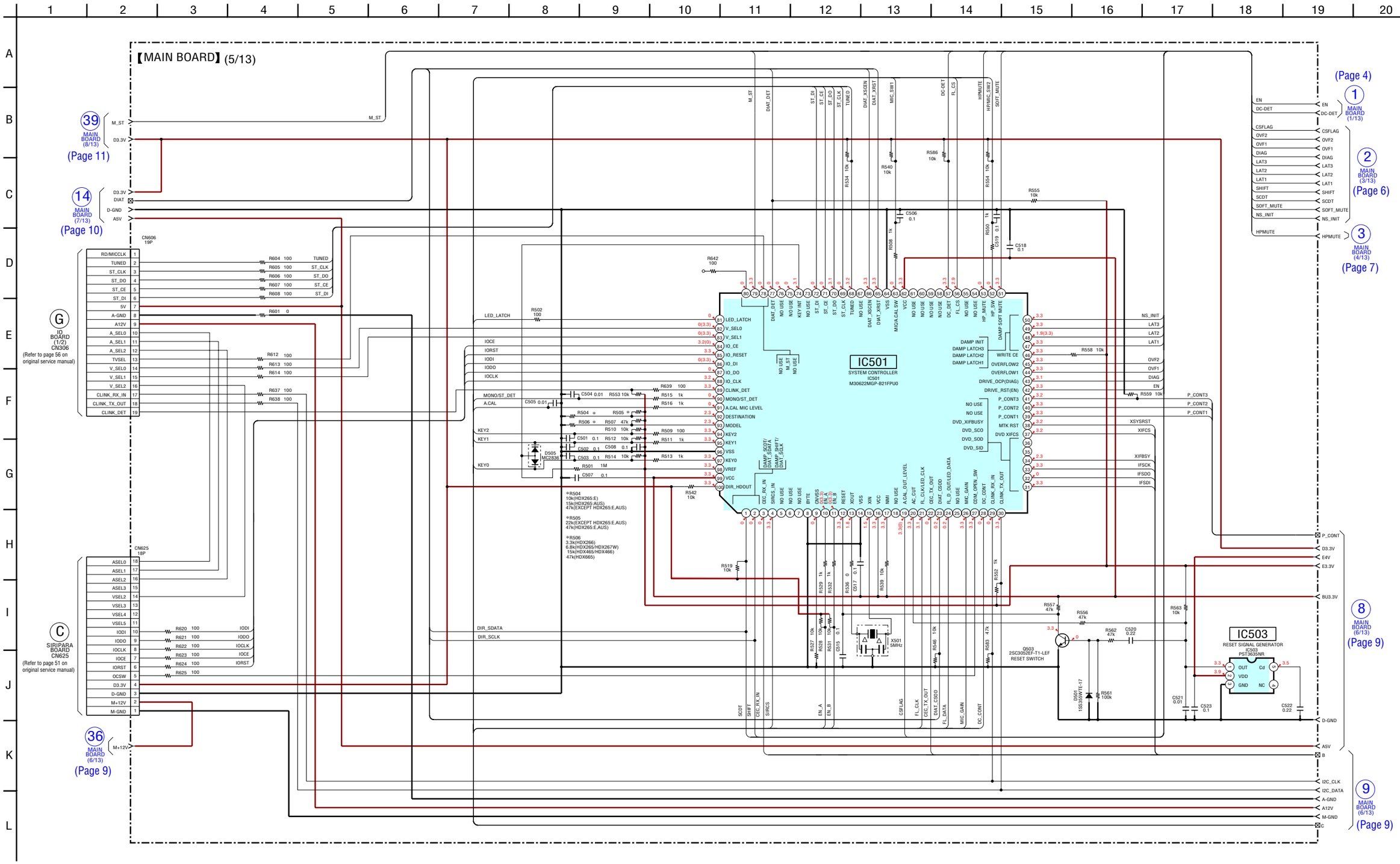
IC3010 STREAM PROCESSOR IC3010 CXD9843AR

IC3001 HEADPHONE AMP IC3001 NJM4565M(TE2)

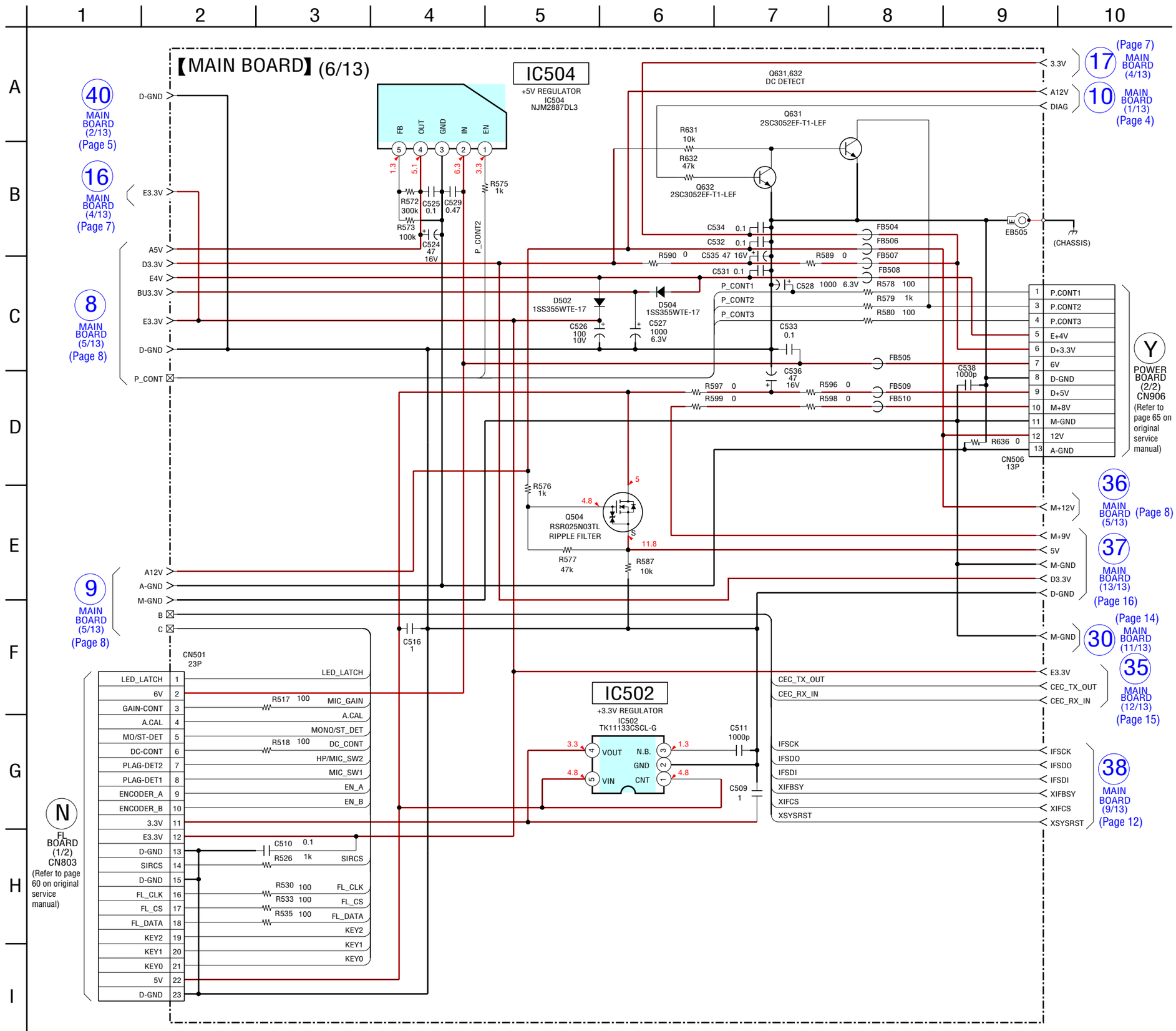
IC3050 +1.8V REGULATOR IC3050 TK11118CSCL-G

IC3051 OSC BUFFER IC3051 TC7SHU04FU(T5RSOJF)

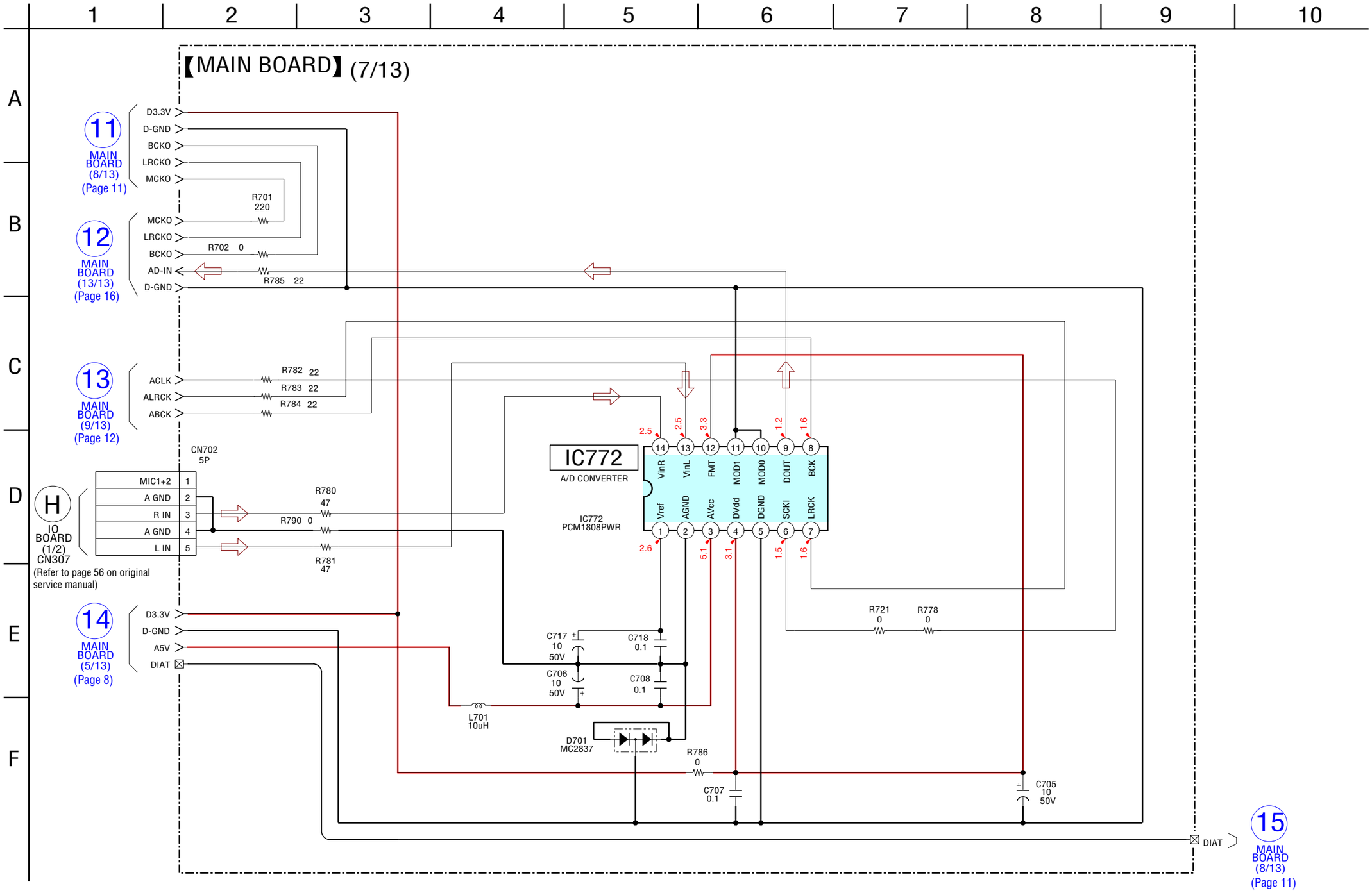
2-5. SCHEMATIC DIAGRAM – MAIN Board (5/13) –



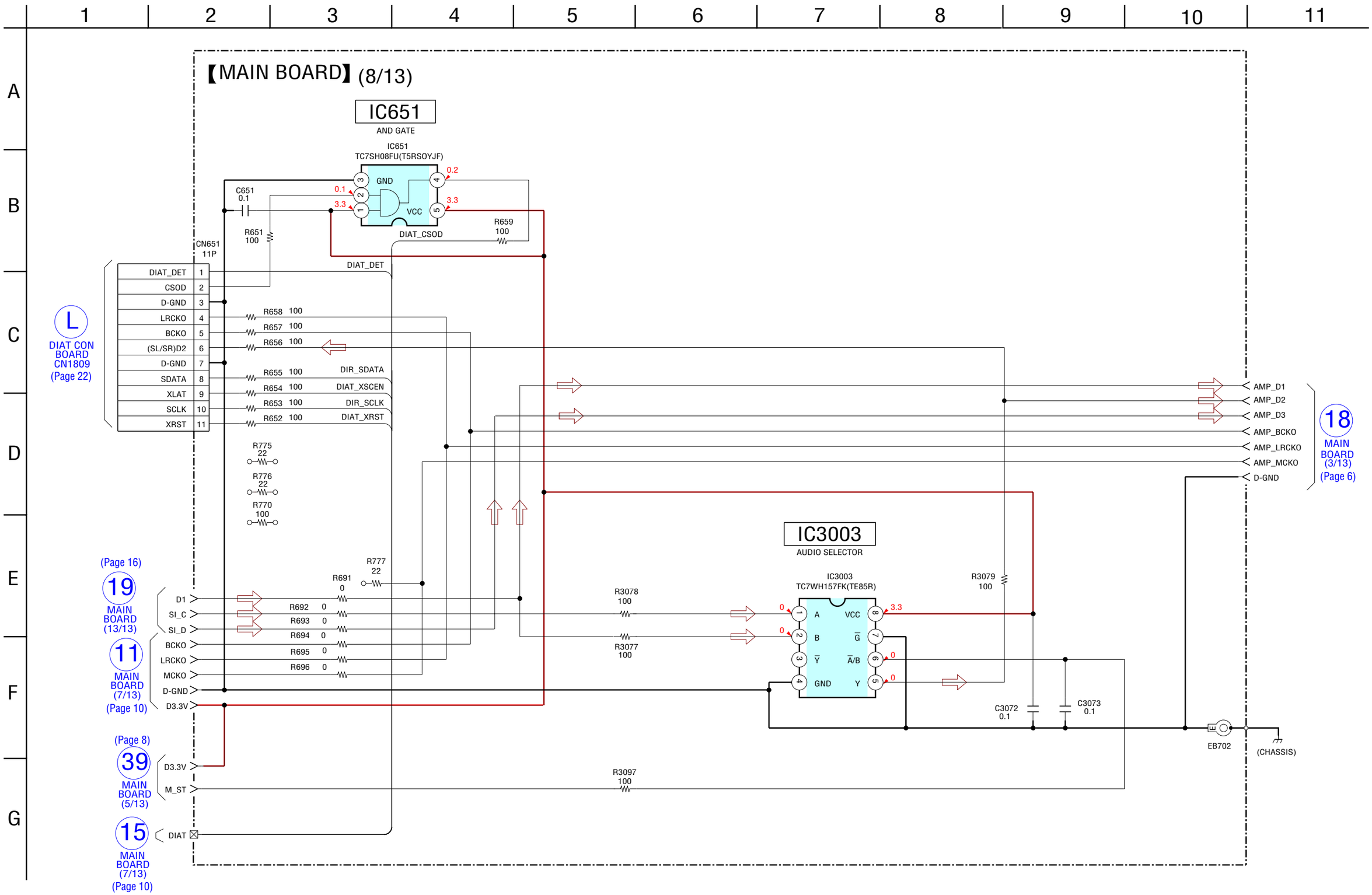
2-6. SCHEMATIC DIAGRAM – MAIN Board (6/13) –



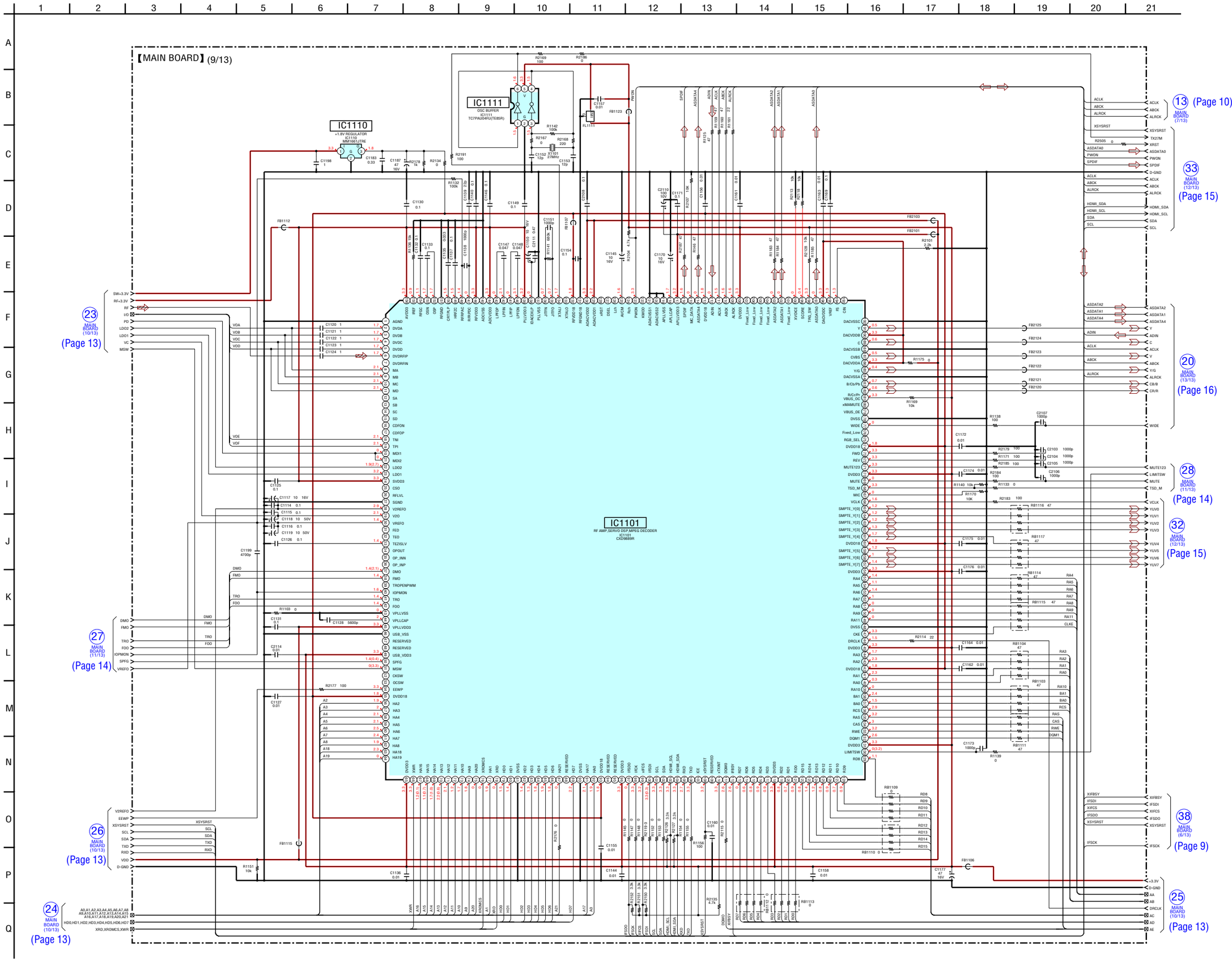
2-7. SCHEMATIC DIAGRAM – MAIN Board (7/13) –



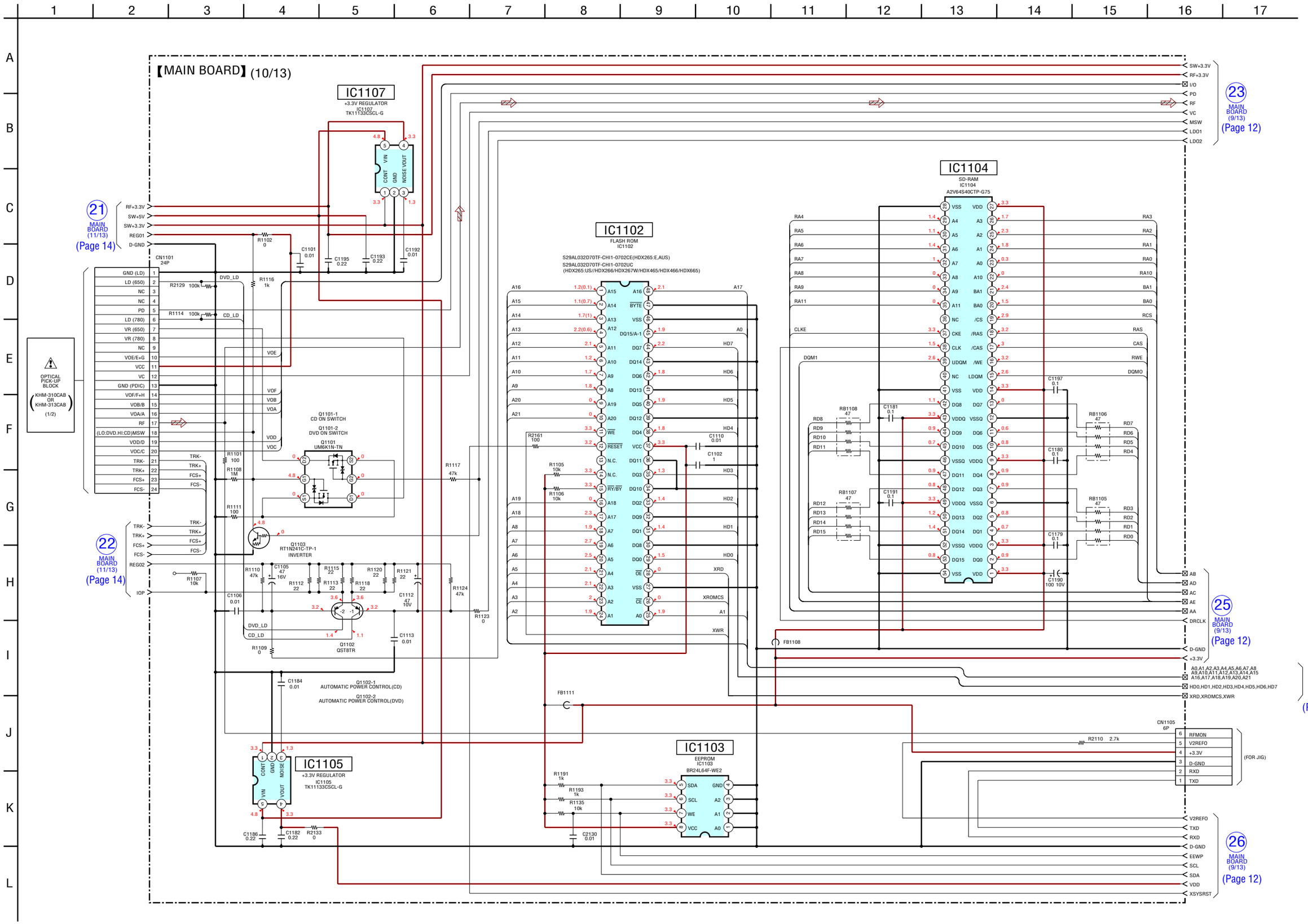
2-8. SCHEMATIC DIAGRAM – MAIN Board (8/13) –



2-9. SCHEMATIC DIAGRAM – MAIN Board (9/13) –



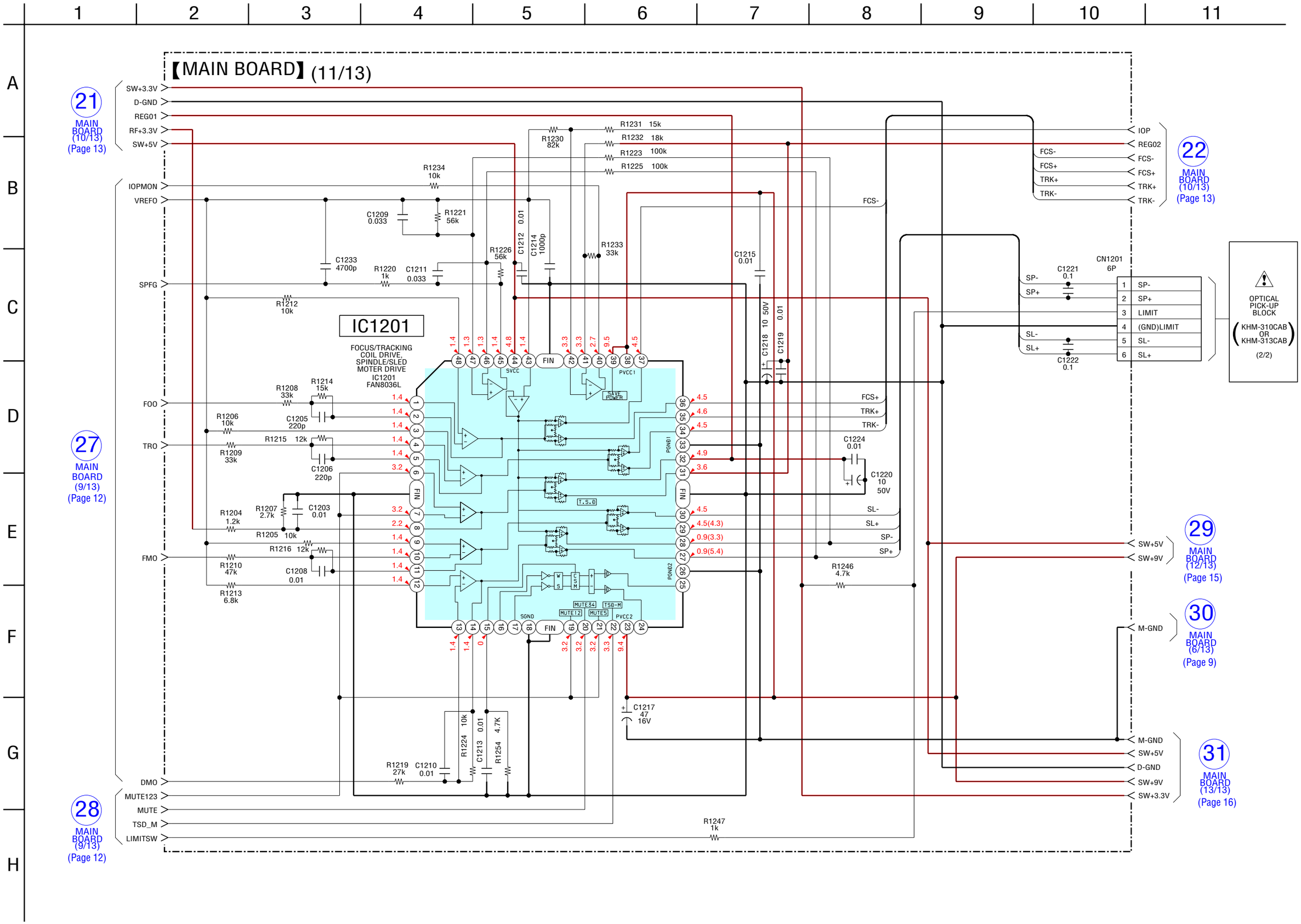
2-10. SCHEMATIC DIAGRAM – MAIN Board (10/13) –



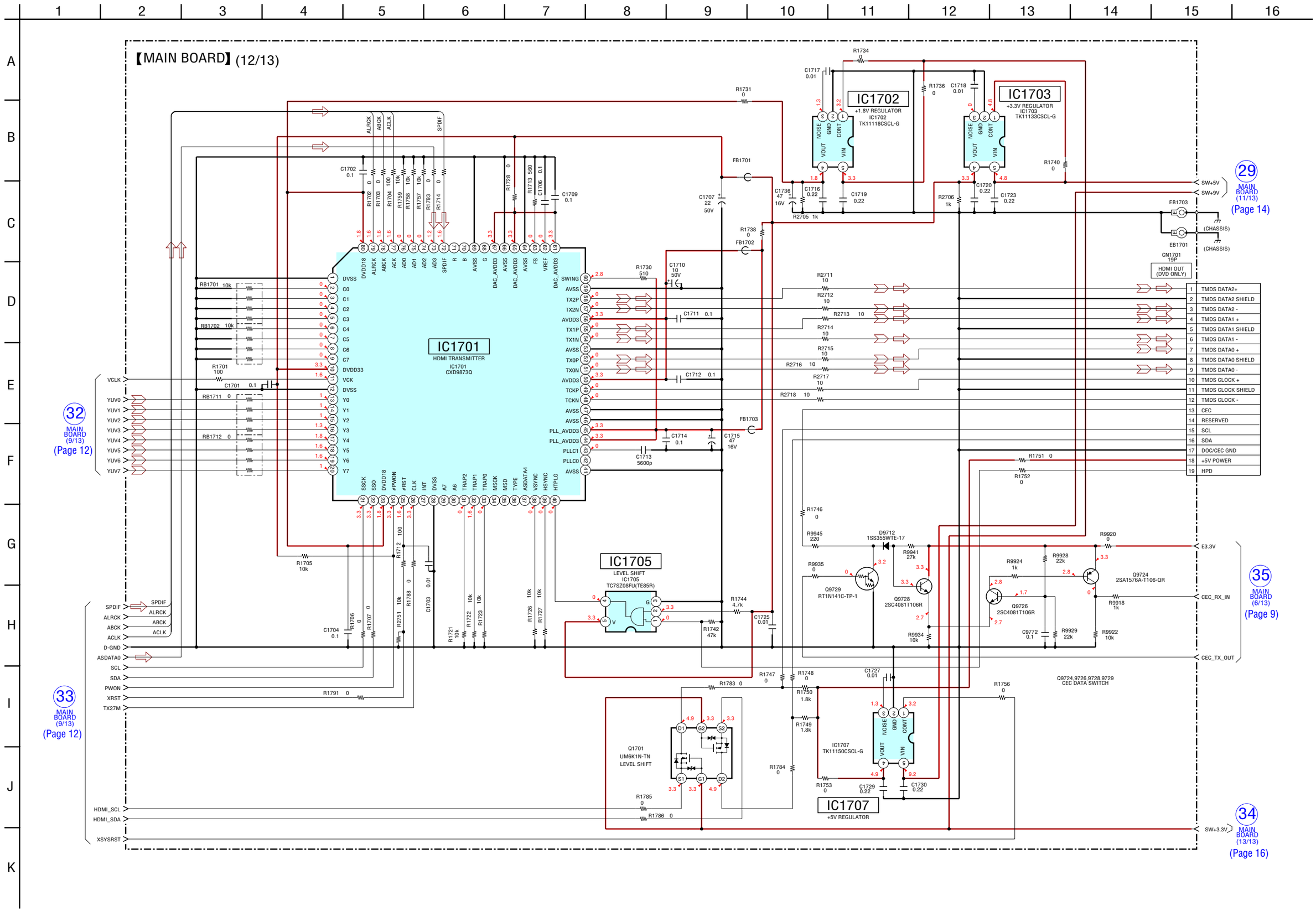
HCD-HDX265/HDX266/HDX267W/HDX465/HDX466/HDX665

Note: EEPROM (IC1103) on the MAIN board cannot exchange with single. When EEPROM (IC1103) on the MAIN board is damaged, exchange the entire mounted board.

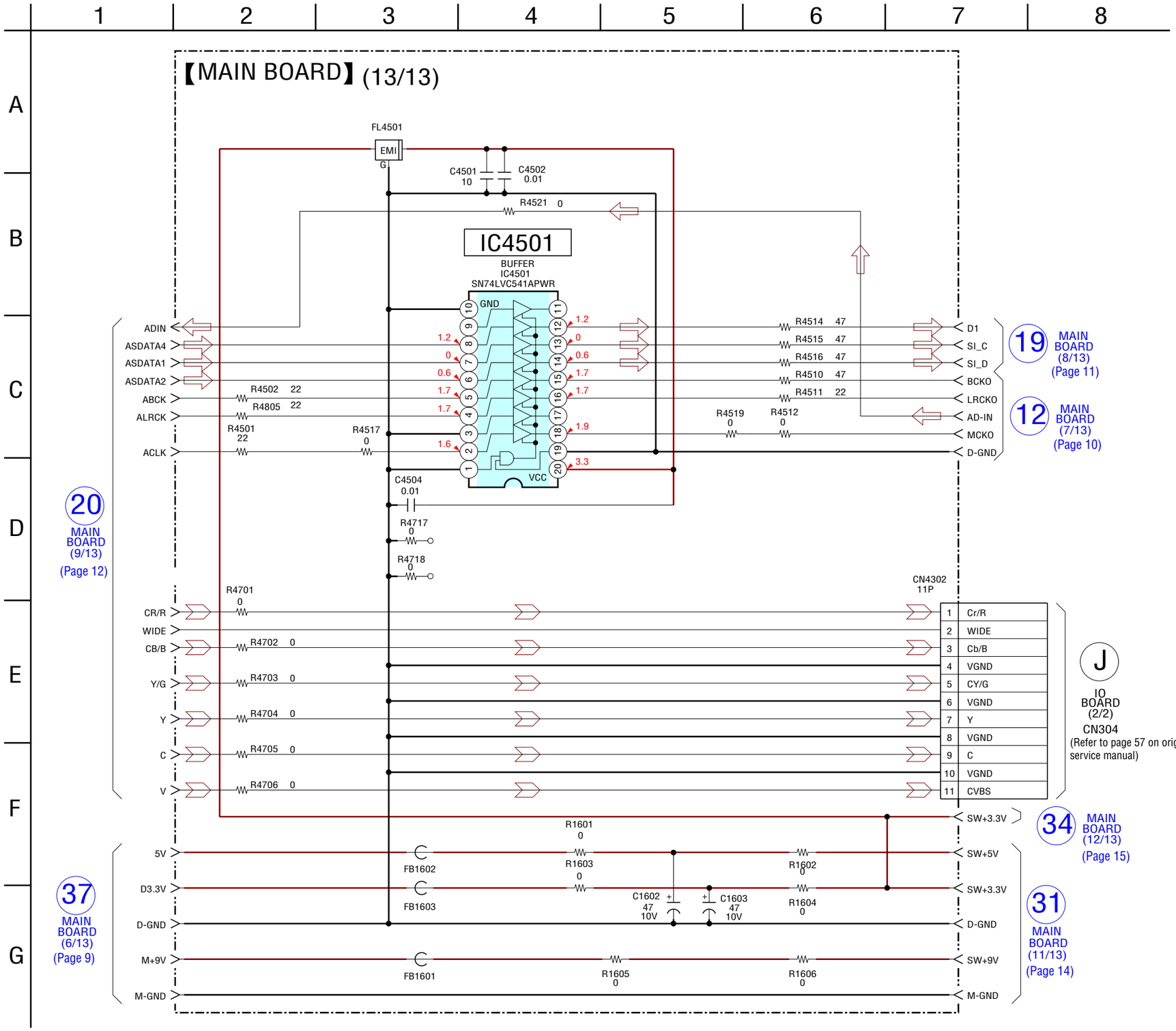
2-11. SCHEMATIC DIAGRAM – MAIN Board (11/13) –



2-12. SCHEMATIC DIAGRAM – MAIN Board (12/13) –



2-13. SCHEMATIC DIAGRAM – MAIN Board (13/13) –

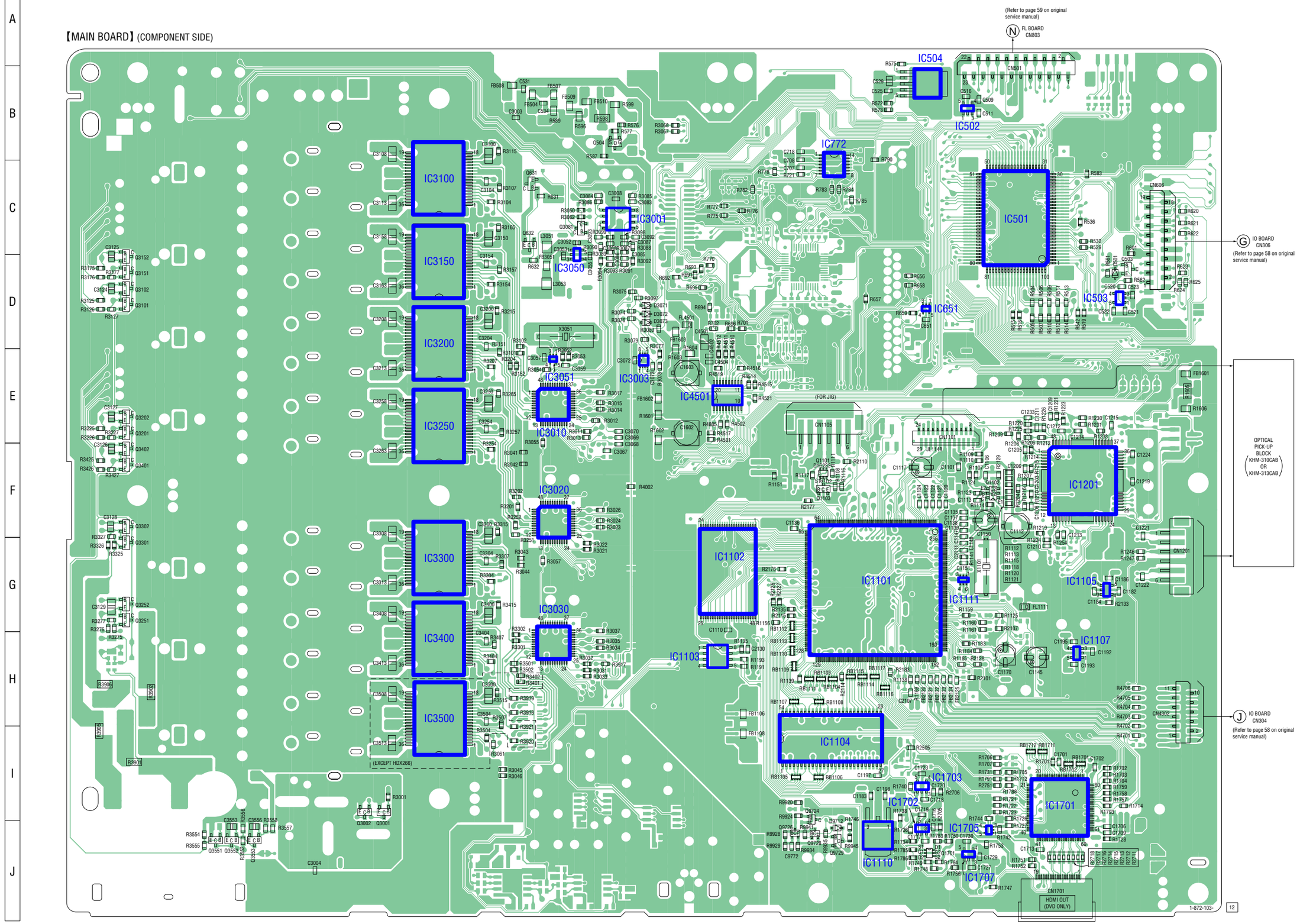


2-14. PRINTED WIRING BOARD – MAIN Board (Component Side) –

: Uses unleaded solder.

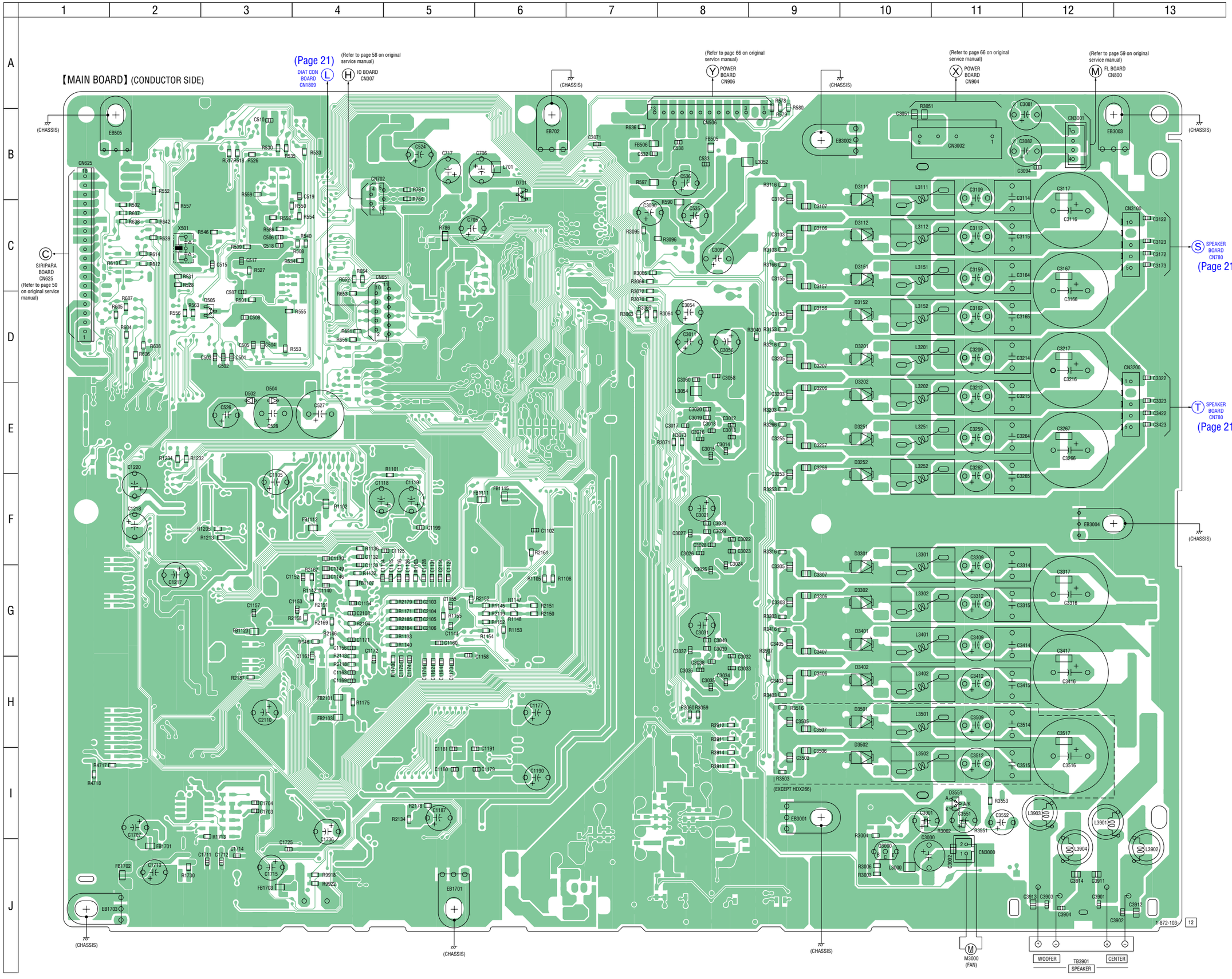
- **Semiconductor Location**

Ref. No.	Location
D501	D-12
D3071	D-7
D3072	D-7
D3073	D-7
D9712	J-9
IC501	C-11
IC502	B-11
IC503	D-12
IC504	B-10
IC651	D-10
IC772	C-9
IC1101	G-10
IC1102	G-8
IC1103	H-8
IC1104	I-9
IC1105	G-12
IC1107	H-12
IC1110	J-10
IC1111	G-11
IC1201	F-12
IC1701	I-12
IC1702	J-10
IC1703	I-10
IC1705	J-11
IC1707	J-11
IC3001	C-7
IC3003	E-7
IC3010	E-6
IC3020	F-6
IC3030	H-6
IC3050	D-6
IC3051	E-6
IC3100	C-5
IC3150	D-5
IC3200	D-5
IC3250	E-5
IC3300	G-5
IC3400	H-5
IC3500	H-5
IC4501	E-8
Q503	D-12
Q504	B-7
Q631	C-6
Q632	C-6
Q1101	F-9
Q1102	F-11
Q1103	F-9
Q1701	J-10
Q3001	I-4
Q3002	I-4
Q3081	C-6
Q3101	D-2
Q3102	D-2
Q3151	D-2
Q3152	D-2
Q3201	E-2
Q3202	E-2
Q3251	G-2
Q3252	G-2
Q3301	G-2
Q3302	F-2
Q3401	F-2
Q3402	F-2
Q3551	J-3
Q3552	J-3
Q3553	J-3
Q9724	I-9
Q9726	J-9
Q9728	J-9
Q9729	J-9



Note: EEPROM (IC1103) on the MAIN board cannot exchange with single. When EEPROM (IC1103) on the MAIN board is damaged, exchange the entire mounted board.

2-15. PRINTED WIRING BOARD – MAIN Board (Conductor Side) – : Uses unleaded solder.

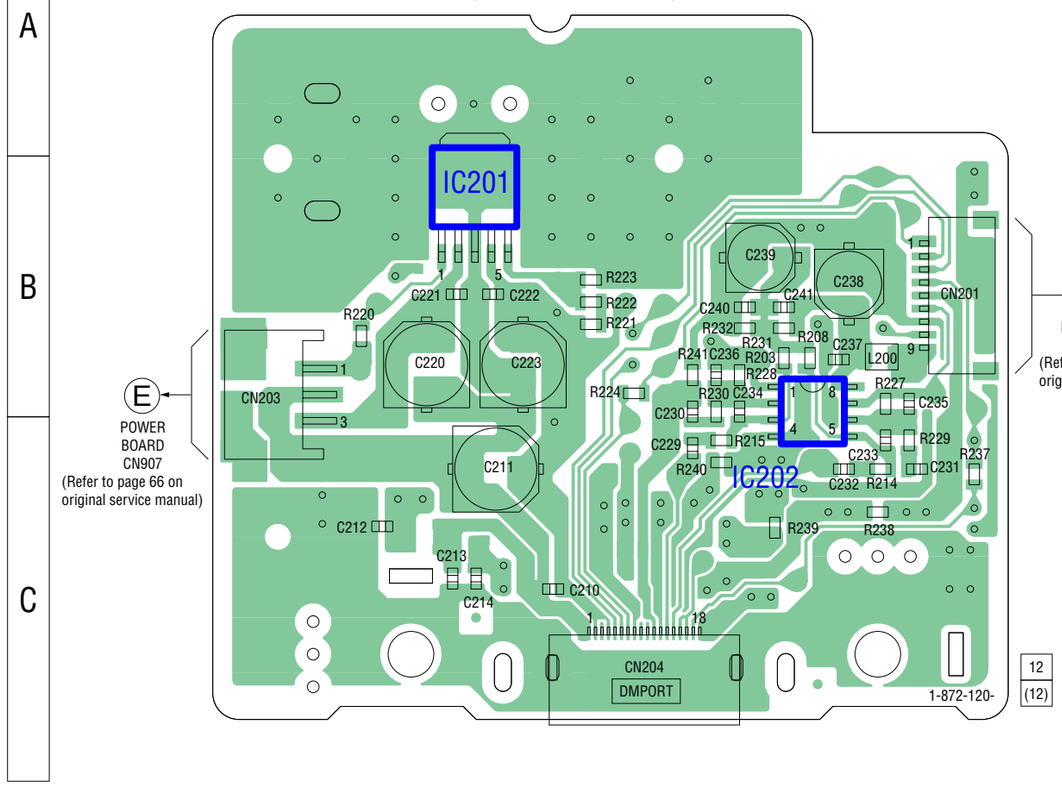


- **Semiconductor Location**

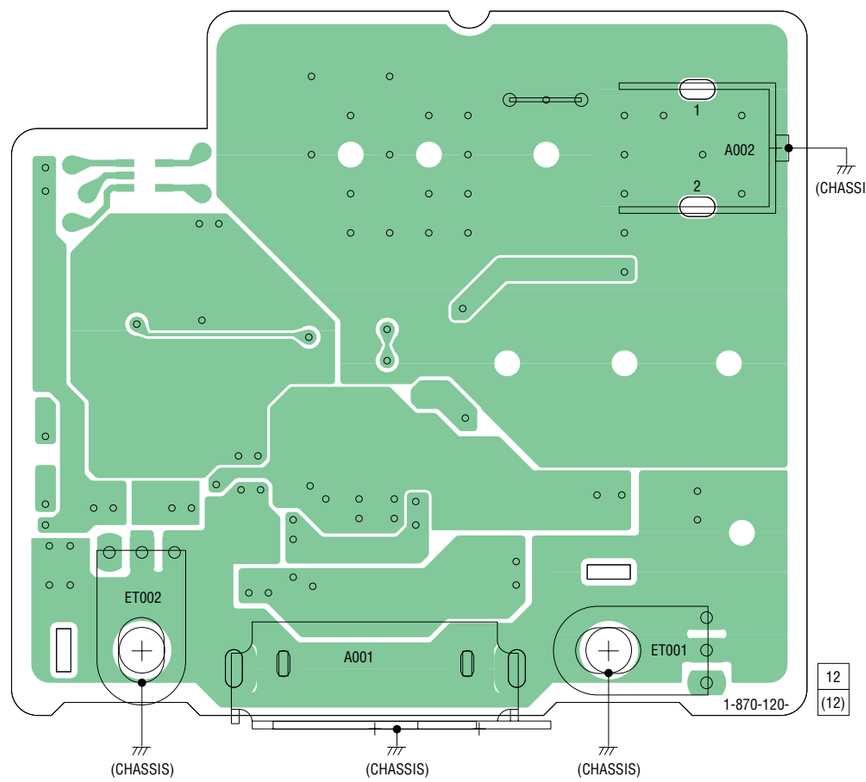
Ref. No.	Location
D502	E-3
D504	E-3
D505	D-3
D701	B-6
D3111	B-10
D3112	C-10
D3151	C-10
D3152	D-10
D3201	D-10
D3202	E-10
D3251	E-10
D3252	F-10
D3301	G-10
D3302	G-10
D3401	G-10
D3402	H-10
D3501	H-10
D3502	I-10
D3551	I-11
Q3000	J-10

2-16. PRINTED WIRING BOARD – DMPORT Board – : Uses unleaded solder.

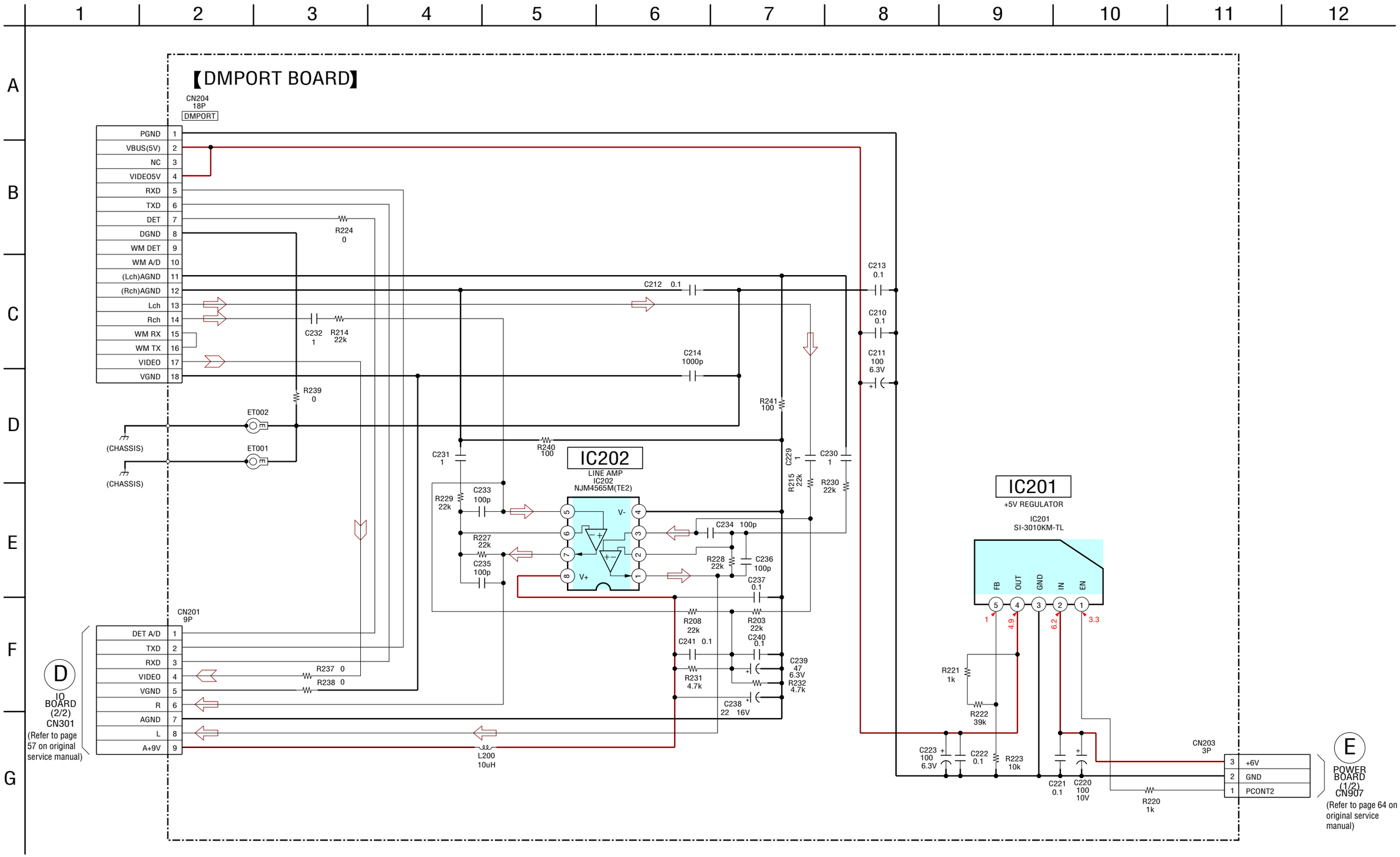
【DMPORT BOARD】(COMPONENT SIDE)



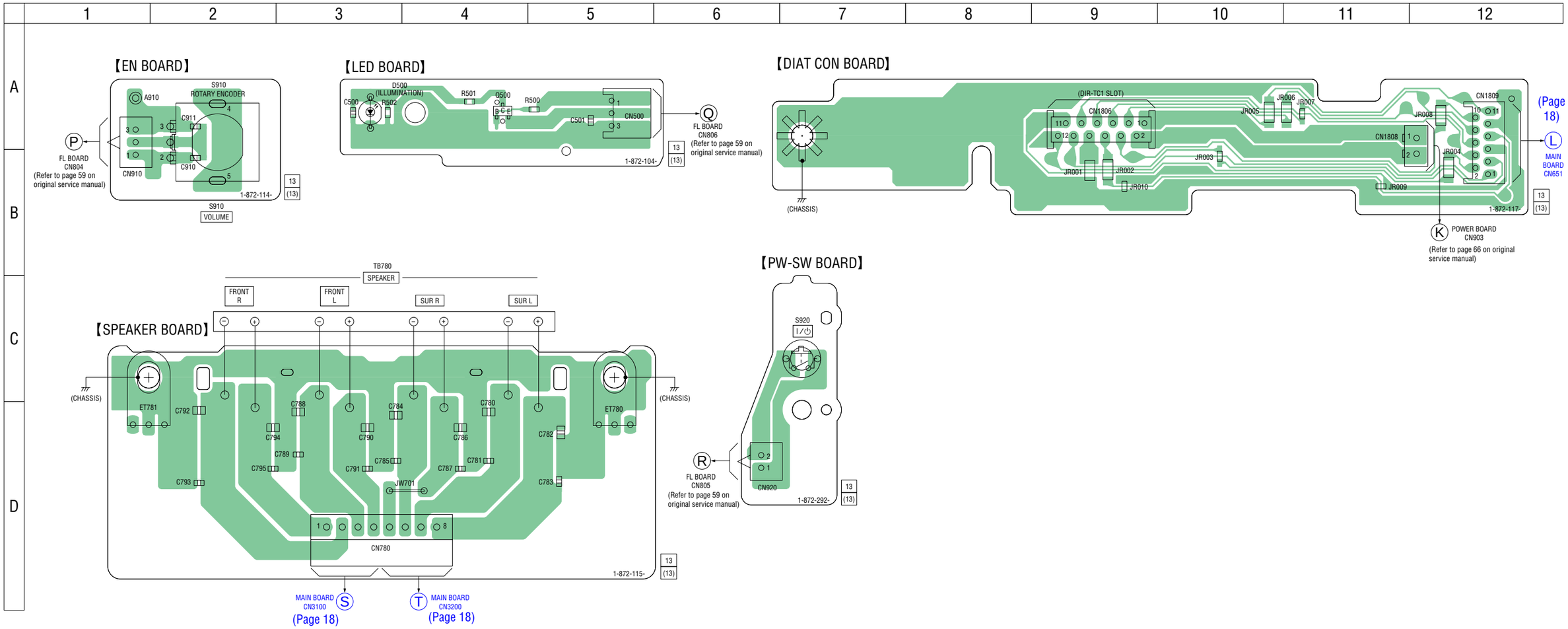
【DMPORT BOARD】(CONDUCTOR SIDE)



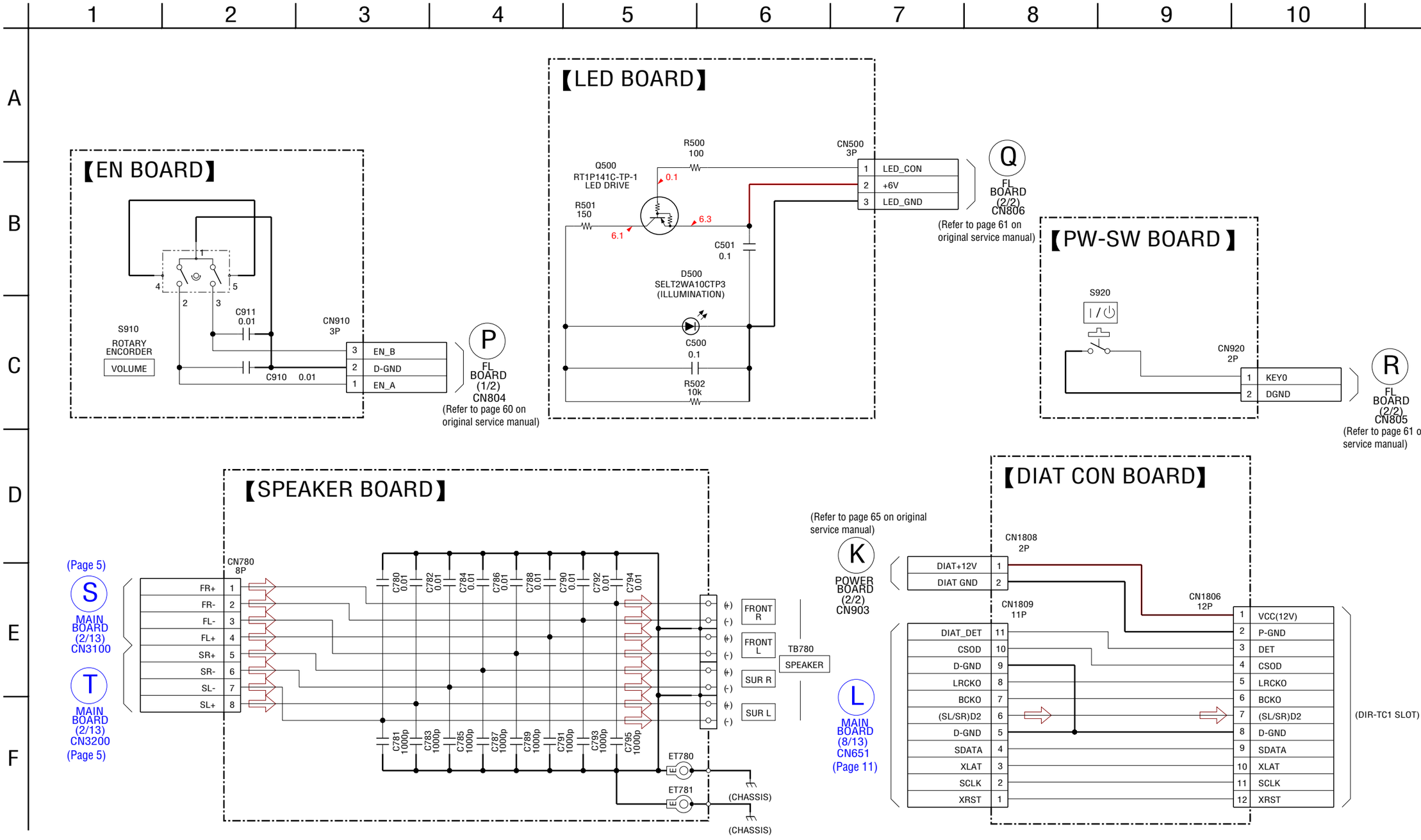
2-17. SCHEMATIC DIAGRAM – DMPORT Board –



2-18. PRINTED WIRING BOARDS – PANEL Section – : Uses unleaded solder.



2-19. SCHEMATIC DIAGRAM – PANEL Section –



3. ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS
  uF: µF
- COILS
  uH: µH
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA... : µA... uPA... : µPA...
  uPB... : µPB... uPC... : µPC...
  uPD... : µPD...
- Abbreviation
  AUS : Australian model

When indicating parts by reference number, please include the board.

The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

Les composants identifiés par la marque 🔒 contiennent des informations confidentielles.
Suivre scrupuleusement les instructions chaque fois qu'un composant est remplacé et / ou réparé.

Ref. No.	Part No.	Description			Remark
		DIAT CON BOARD			
		**********			
		< CONNECTOR >			
CN1806	1-770-382-11	CONNECTOR, BOARD TO BOARD 12P			
CN1809	1-779-548-21	CONNECTOR, FFC (LIF (NON-ZIF)) 11P			
		< JUMPER RESISTOR >			
JR001	1-216-296-11	SHORT CHIP	0		
JR002	1-216-296-11	SHORT CHIP	0		
JR003	1-216-864-11	SHORT CHIP	0		
JR004	1-216-296-11	SHORT CHIP	0		
JR005	1-216-296-11	SHORT CHIP	0		
JR006	1-216-296-11	SHORT CHIP	0		
JR007	1-216-864-11	SHORT CHIP	0		
JR008	1-216-296-11	SHORT CHIP	0		
JR009	1-216-864-11	SHORT CHIP	0		
JR010	1-216-864-11	SHORT CHIP	0		
**********					
	A-1221-025-A	DMPORT BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C210	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C211	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C212	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C213	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C214	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C220	1-128-995-21	ELECT CHIP	100uF	20%	10V
C221	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C222	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C223	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C229	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C230	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C231	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C232	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C233	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C234	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C235	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C236	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C237	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C238	1-126-395-11	ELECT CHIP	22uF	20%	16V
C239	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C240	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C241	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		< CONNECTOR >			
CN201	1-784-861-51	CONNECTOR, FFC (LIF (NON-ZIF)) 9P			
CN203	1-774-730-21	PIN, CONNECTOR (PC BOARD) 3P			
CN204	1-817-615-21	CONNECTOR BOARD TO BOARD 18P			(DMPORT)
		< IC >			
IC201	6-705-308-01	IC SI-3010KM-TL			
IC202	8-759-710-97	IC NJM4565M-D			
		< COIL >			
L200	1-469-525-11	INDUCTOR	10uH		
		< RESISTOR >			
R203	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R208	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R214	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R215	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R220	1-216-821-11	METAL CHIP	1K	5%	1/10W
R221	1-216-821-11	METAL CHIP	1K	5%	1/10W
R222	1-216-840-11	METAL CHIP	39K	5%	1/10W
R223	1-216-833-11	METAL CHIP	10K	5%	1/10W
R224	1-216-864-11	SHORT CHIP	0		
R227	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R228	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R229	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R230	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R231	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R232	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R237	1-216-864-11	SHORT CHIP	0		
R238	1-216-864-11	SHORT CHIP	0		
R239	1-216-864-11	SHORT CHIP	0		
R240	1-216-809-11	METAL CHIP	100	5%	1/10W
R241	1-216-809-11	METAL CHIP	100	5%	1/10W
**********					
		EN BOARD			
		*********			
		< CAPACITOR >			
C910	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V

EN **LED** **MAIN**

Ref. No.	Part No.	Description			Remark
C911	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
		< SWITCH >			
S910	1-418-725-51	ENCODER, ROTARY (12 TYPE) (VOLUME)			
**********					
		LED BOARD			
		**********			
		< CAPACITOR >			
C500	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C501	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		< CONNECTOR >			
CN500	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P			
		< LED >			
D500	6-501-688-01	LED SELT2WA10CTP3 (ILLUMINATION)			
		< TRANSISTOR >			
Q500	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
		< RESISTOR >			
R500	1-216-809-11	METAL CHIP	100	5%	1/10W
R501	1-216-811-11	METAL CHIP	150	5%	1/10W
R502	1-216-833-11	METAL CHIP	10K	5%	1/10W
**********					
	A-1244-171-A	MAIN BOARD, COMPLETE (for SERVICE) (HDX265: US/HDX267W)			
	A-1244-172-A	MAIN BOARD, COMPLETE (for SERVICE) (HDX265: AUS)			
	A-1244-173-A	MAIN BOARD, COMPLETE (for SERVICE) (HDX266)			
	A-1244-175-A	MAIN BOARD, COMPLETE (for SERVICE) (HDX465/HDX466)			
	A-1244-177-A	MAIN BOARD, COMPLETE (for SERVICE) (HDX665)			
	A-1256-691-A	MAIN BOARD, COMPLETE (for SERVICE) (HDX265: E)			
		**********			
		< CAPACITOR >			
C501	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C502	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C503	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C504	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C505	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C506	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C507	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C508	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C509	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C510	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C511	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C515	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C516	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C517	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C518	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C519	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C520	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C521	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C522	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C523	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C524	1-126-947-11	ELECT	47uF	20%	35V
C525	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C526	1-104-658-91	ELECT	100uF	20%	10V
C527	1-126-916-11	ELECT	1000uF	20%	6.3V
C528	1-126-916-11	ELECT	1000uF	20%	6.3V
C529	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C531	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C532	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C533	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C534	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C535	1-126-947-11	ELECT	47uF	20%	35V
C536	1-126-947-11	ELECT	47uF	20%	35V
C538	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C651	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C705	1-126-964-11	ELECT	10uF	20%	50V
C706	1-126-964-11	ELECT	10uF	20%	50V
C707	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C708	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C717	1-126-964-11	ELECT	10uF	20%	50V
C718	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1101	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1102	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C1105	1-126-947-11	ELECT	47uF	20%	35V
C1106	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1110	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1112	1-128-994-21	ELECT CHIP	47uF	20%	10V
C1113	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1114	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1115	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1116	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1117	1-124-779-00	ELECT CHIP	10uF	20%	16V
C1118	1-126-964-11	ELECT	10uF	20%	50V
C1119	1-126-964-11	ELECT	10uF	20%	50V
C1120	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1121	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1122	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1123	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1124	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1125	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1126	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1127	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1128	1-164-172-11	CERAMIC CHIP	0.0056uF	10%	25V
C1130	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1131	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1132	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1133	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1135	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V
C1136	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1137	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1138	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1139	1-162-919-11	CERAMIC CHIP	22PF	5%	50V

MAIN

Ref. No.	Part No.	Description			Remark
C1140	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1144	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1145	1-124-779-00	ELECT CHIP	10uF	20%	16V
C1146	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1147	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C1148	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C1149	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1150	1-124-779-00	ELECT CHIP	10uF	20%	16V
C1151	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1152	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C1153	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C1154	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1155	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1156	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1157	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1158	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1160	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1161	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1162	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1163	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1164	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1169	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1170	1-124-779-00	ELECT CHIP	10uF	20%	16V
C1171	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1172	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1173	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1174	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1175	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1176	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1177	1-126-947-11	ELECT	47uF	20%	35V
C1179	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1180	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1181	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1182	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1183	1-128-934-11	CERAMIC CHIP	0.33uF	20%	10V
C1184	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1186	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1187	1-126-947-11	ELECT	47uF	20%	35V
C1190	1-104-658-91	ELECT	100uF	20%	10V
C1191	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1192	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1193	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1195	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1197	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1198	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C1199	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C1203	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1205	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C1206	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C1208	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1209	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V
C1210	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1211	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V
C1212	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1213	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1214	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1215	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1217	1-126-947-11	ELECT	47uF	20%	35V
C1218	1-126-964-11	ELECT	10uF	20%	50V
C1219	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1220	1-126-964-11	ELECT	10uF	20%	50V
C1221	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1222	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1224	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1233	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C1602	1-128-994-21	ELECT CHIP	47uF	20%	10V
C1603	1-128-994-21	ELECT CHIP	47uF	20%	10V
C1701	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1702	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1703	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1704	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1706	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1707	1-126-965-11	ELECT	22uF	20%	50V
C1709	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1710	1-126-964-11	ELECT	10uF	20%	50V
C1711	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1712	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1713	1-164-172-11	CERAMIC CHIP	0.0056uF	10%	25V
C1714	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C1715	1-126-947-11	ELECT	47uF	20%	35V
C1716	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1717	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1718	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1719	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1720	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1723	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1725	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1727	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1729	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1730	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1736	1-126-947-11	ELECT	47uF	20%	35V
C2103	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C2104	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C2105	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C2106	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C2107	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C2108	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C2110	1-104-658-91	ELECT	100uF	20%	10V
C2111	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C2114	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2130	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3000	1-126-382-11	ELECT	100uF	20%	16V
C3001	1-126-947-11	ELECT	47uF	20%	35V
C3002	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C3003	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3004	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3008	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3011	1-126-947-11	ELECT	47uF	20%	35V
C3012	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3013	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3014	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3015	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3016	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3017	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3018	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V

MAIN

Ref. No.	Part No.	Description			Remark
C3019	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3020	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3021	1-126-947-11	ELECT	47uF	20%	35V
C3022	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3023	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3024	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3025	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3026	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3027	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3028	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3029	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3030	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3031	1-126-947-11	ELECT	47uF	20%	35V
C3032	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3033	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3034	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3035	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3036	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3037	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3038	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3039	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3040	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3051	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C3052	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C3053	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3054	1-126-933-11	ELECT	100uF	20%	16V
C3055	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3056	1-126-932-91	ELECT	220uF	20%	10V
C3057	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3058	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V
C3059	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3060	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C3067	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3068	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3069	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3070	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3071	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3072	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3073	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C3081	1-126-925-91	ELECT	470uF	20%	10V
C3082	1-126-925-91	ELECT	470uF	20%	10V
C3083	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3084	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3085	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3086	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3087	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3088	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3090	1-104-658-91	ELECT	100uF	20%	10V
C3091	1-126-934-11	ELECT	220uF	20%	16V
C3092	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3093	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3094	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3100	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3103	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3104	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3105	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3106	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3107	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3108	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3109	1-112-246-11	ELECT	100uF	20%	35V
C3112	1-112-246-11	ELECT	100uF	20%	35V
C3113	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3114	1-137-198-81	FILM	1uF	5%	50V
C3115	1-137-198-81	FILM	1uF	5%	50V
C3116	1-112-831-11	ELECT	2200uF	20%	35V
C3117	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3122	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3123	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3124	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3125	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3126	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3127	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3128	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3129	1-117-370-11	CERAMIC CHIP	10uF		10V
C3150	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3153	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3154	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3155	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3156	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3157	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3158	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3159	1-112-246-11	ELECT	100uF	20%	35V
C3162	1-112-246-11	ELECT	100uF	20%	35V
C3163	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3164	1-137-198-81	FILM	1uF	5%	50V
C3165	1-137-198-81	FILM	1uF	5%	50V
C3166	1-112-831-11	ELECT	2200uF	20%	35V
C3167	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3172	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3173	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3200	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3203	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3204	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3205	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3206	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3207	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3208	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3209	1-112-246-11	ELECT	100uF	20%	35V
C3212	1-112-246-11	ELECT	100uF	20%	35V
C3213	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3214	1-137-198-81	FILM	1uF	5%	50V
C3215	1-137-198-81	FILM	1uF	5%	50V
C3216	1-112-831-11	ELECT	2200uF	20%	35V
C3217	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3250	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3253	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3254	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3255	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3256	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3257	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3258	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3259	1-112-246-11	ELECT	100uF	20%	35V
C3262	1-112-246-11	ELECT	100uF	20%	35V
C3263	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3264	1-137-198-81	FILM	1uF	5%	50V

MAIN

Ref. No.	Part No.	Description			Remark
C3265	1-137-198-81	FILM	1uF	5%	50V
C3267	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3266	1-112-831-11	ELECT	2200uF	20%	35V
C3300	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3303	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3304	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3305	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3306	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3307	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3308	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3309	1-112-246-11	ELECT	100uF	20%	35V
C3312	1-112-246-11	ELECT	100uF	20%	35V
C3313	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3314	1-137-198-81	FILM	1uF	5%	50V
C3315	1-137-198-81	FILM	1uF	5%	50V
C3316	1-112-831-11	ELECT	2200uF	20%	35V
C3317	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3322	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3323	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3400	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3403	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3404	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C3405	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V
C3406	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3407	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V
C3408	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3409	1-112-246-11	ELECT	100uF	20%	35V
C3412	1-112-246-11	ELECT	100uF	20%	35V
C3413	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3414	1-137-198-81	FILM	1uF	5%	50V
C3415	1-137-198-81	FILM	1uF	5%	50V
C3416	1-112-831-11	ELECT	2200uF	20%	35V
C3417	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V
C3422	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3423	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3500	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V (EXCEPT HDX266)
C3503	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V (EXCEPT HDX266)
C3504	1-164-156-11	CERAMIC CHIP	0.1uF		25V (EXCEPT HDX266)
C3505	1-107-725-11	CERAMIC CHIP	0.1uF	10%	16V (EXCEPT HDX266)
C3506	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V (EXCEPT HDX266)
C3507	1-115-185-11	CERAMIC CHIP	0.033uF	10%	50V (EXCEPT HDX266)
C3508	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V (EXCEPT HDX266)
C3509	1-112-246-11	ELECT	100uF	20%	35V (EXCEPT HDX266)
C3512	1-112-246-11	ELECT	100uF	20%	35V (EXCEPT HDX266)
C3513	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V (EXCEPT HDX266)
C3514	1-137-198-81	FILM	1uF	5%	50V (EXCEPT HDX266)
C3515	1-137-198-81	FILM	1uF	5%	50V (EXCEPT HDX266)
C3516	1-112-831-11	ELECT	2200uF	20%	35V (EXCEPT HDX266)
C3517	1-104-329-11	CERAMIC CHIP	0.1uF	10%	50V (EXCEPT HDX266)
C3551	1-126-960-11	ELECT	1uF	20%	50V
C3552	1-126-964-11	ELECT	10uF	20%	50V
C3553	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3556	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C3901	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3902	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3903	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3904	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3911	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3912	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3913	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3914	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C4501	1-117-370-11	CERAMIC CHIP	10uF		10V
C4502	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C4504	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C9772	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		< CONNECTOR >			
CN501	1-784-380-51	CONNECTOR, FFC/FPC 23P			
CN606	1-778-691-51	CONNECTOR, FFC/FPC 19P			
CN625	1-774-744-21	CONNECTOR, BOARD TO BOARD 18P			
CN651	1-779-279-11	CONNECTOR, FFC (LIF (NON-ZIF)) 11P			
CN702	1-779-273-11	CONNECTOR, FFC (LIF (NON-ZIF)) 5P			
CN1101	1-815-763-32	CONNECTOR, FFC/FPC 24P			
* CN1105	1-770-470-21	PIN, CONNECTOR (PC BOARD) 6P			
* CN1201	1-770-470-21	PIN, CONNECTOR (PC BOARD) 6P			
CN1701	1-820-735-11	HDMI CONNECTOR (HDMI OUT (DVD ONLY))			
CN3000	1-564-704-41	PIN, CONNECTOR (SMALL TYPE) 2P			
CN3001	1-564-706-11	PIN, CONNECTOR (SMALL TYPE) 4P			
CN3002	1-785-102-11	PIN, CONNECTOR (3.96mm PITCH) 4P			
CN4302	1-784-370-51	CONNECTOR, FFC/FPC 11P			
		< DIODE >			
D501	6-501-193-01	DIODE 1SS355WTE-17			
D502	6-501-193-01	DIODE 1SS355WTE-17			
D504	6-501-193-01	DIODE 1SS355WTE-17			
D505	6-500-334-01	DIODE MC2836-T112-1			
D701	6-501-579-01	DIODE MC2837			
D3071	6-501-193-01	DIODE 1SS355WTE-17			
D3072	6-501-193-01	DIODE 1SS355WTE-17			
D3073	6-501-193-01	DIODE 1SS355WTE-17			
D3111	6-500-885-01	DIODE P6SMBJ33A-5			
D3112	6-500-885-01	DIODE P6SMBJ33A-5			
D3151	6-500-885-01	DIODE P6SMBJ33A-5			
D3152	6-500-885-01	DIODE P6SMBJ33A-5			
D3201	6-500-885-01	DIODE P6SMBJ33A-5			
D3202	6-500-885-01	DIODE P6SMBJ33A-5			
D3251	6-500-885-01	DIODE P6SMBJ33A-5			
D3252	6-500-885-01	DIODE P6SMBJ33A-5			
D3301	6-500-885-01	DIODE P6SMBJ33A-5			
D3302	6-500-885-01	DIODE P6SMBJ33A-5			
D3401	6-500-885-01	DIODE P6SMBJ33A-5			
D3402	6-500-885-01	DIODE P6SMBJ33A-5			

MAIN

Ref. No.	Part No.	Description	Remark
D3501	6-500-885-01	DIODE P6SMBJ33A-5 (EXCEPT HDX266)	
D3502	6-500-885-01	DIODE P6SMBJ33A-5 (EXCEPT HDX266)	
D3551	6-501-579-01	DIODE MC2837	
D9712	6-501-193-01	DIODE 1SS355WTE-17	
		< FERRITE BEAD/JUMPER RESISTOR >	
FB504	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB505	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB506	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB507	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB508	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB509	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB510	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1106	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1107	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1108	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1111	1-469-670-21	FERRITE, EMI (SMD) (2012)	
FB1112	1-469-670-21	FERRITE, EMI (SMD) (2012)	
FB1115	1-469-670-21	FERRITE, EMI (SMD) (2012)	
FB1123	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1601	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1602	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1603	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1701	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1702	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB1703	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB2101	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB2103	1-469-324-21	FERRITE, EMI (SMD) (2012)	
FB2120	1-469-118-21	FERRITE, EMI (SMD) (1608)	
FB2121	1-469-118-21	FERRITE, EMI (SMD) (1608)	
FB2122	1-469-118-21	FERRITE, EMI (SMD) (1608)	
FB2123	1-469-118-21	FERRITE, EMI (SMD) (1608)	
FB2124	1-469-118-21	FERRITE, EMI (SMD) (1608)	
FB2125	1-469-118-21	FERRITE, EMI (SMD) (1608)	
FB3051	1-216-295-00	SHORT CHIP 0	
		< FILTER >	
FL1111	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FL4501	1-234-177-21	FILTER, CHIP EMI	
		< IC >	
IC501	6-807-546-01	IC M30622MGP-B21FPU0	
IC502	6-702-302-01	IC TK11133CSCL-G	
IC503	6-708-922-01	IC PST3635NR	
IC504	6-709-034-01	IC NJM2887DL3 (TE2)	
IC651	6-706-487-01	IC TC7SH08FU (T5RSOYJF)	
IC772	6-710-554-01	IC PCM1808PWR	
IC1101	6-710-093-01	IC CXD9889R	
IC1102	6-807-486-01	IC S29AL032D70TF-CHI1-0702UC (HDX265: US/HDX266/HDX267W/HDX465/HDX466/HDX665)	
IC1102	6-807-487-01	IC S29AL032D70TF-CHI1-0702CE (HDX265: E, AUS)	
IC1103	(Not supplied)	IC BR24L64F-WE2	
IC1104	6-709-737-01	IC M12L64164A-7T (G)	
IC1105	6-702-302-01	IC TK11133CSCL-G	
IC1107	6-702-302-01	IC TK11133CSCL-G	
IC1110	6-707-739-01	IC MM1661JTRE	
IC1111	6-704-100-01	IC TC7PAU04FU (TE85R)	

Ref. No.	Part No.	Description	Remark
IC1201	6-704-524-01	IC FAN8036L	
IC1701	6-708-682-01	IC CXD9873Q	
IC1702	6-702-300-01	IC TK11118CSCL-G	
IC1703	6-702-302-01	IC TK11133CSCL-G	
IC1705	8-759-592-47	IC TC7SZ08FU (TE85R)	
IC1707	6-705-337-01	IC TK11150CSCL-G	
IC3001	8-759-710-97	IC NJM4565M-D	
IC3003	8-759-680-48	IC TC7WH157FK (TE85R)	
IC3010	6-707-939-01	IC CXD9843AR	
IC3020	6-707-939-01	IC CXD9843AR	
IC3030	6-707-939-01	IC CXD9843AR	
IC3050	6-702-300-01	IC TK11118CSCL-G	
IC3051	6-706-492-01	IC TC7SHU04FU (T5RSOJF)	
IC3100	6-708-921-01	IC CXD9883M	
IC3150	6-708-921-01	IC CXD9883M	
IC3200	6-708-921-01	IC CXD9883M	
IC3250	6-708-921-01	IC CXD9883M	
IC3300	6-708-921-01	IC CXD9883M	
IC3400	6-708-921-01	IC CXD9883M	
IC3500	6-708-921-01	IC CXD9883M (EXCEPT HDX266)	
IC4501	8-759-573-97	IC SN74LVC541APWR	
		< COIL >	
L701	1-414-754-11	INDUCTOR 10uH	
L3000	1-469-527-11	INDUCTOR 47uH	
L3051	1-414-754-11	INDUCTOR 10uH	
L3052	1-414-754-11	INDUCTOR 10uH	
L3053	1-414-754-11	INDUCTOR 10uH	
L3054	1-412-939-11	INDUCTOR 1uH	
L3111	1-456-680-11	INDUCTOR 10uH	
L3112	1-456-680-11	INDUCTOR 10uH	
L3151	1-456-680-11	INDUCTOR 10uH	
L3152	1-456-680-11	INDUCTOR 10uH	
L3201	1-456-680-11	INDUCTOR 10uH	
L3202	1-456-680-11	INDUCTOR 10uH	
L3251	1-456-680-11	INDUCTOR 10uH	
L3252	1-456-680-11	INDUCTOR 10uH	
L3301	1-456-680-11	INDUCTOR 10uH	
L3302	1-456-680-11	INDUCTOR 10uH	
L3401	1-456-680-11	INDUCTOR 10uH	
L3402	1-456-680-11	INDUCTOR 10uH	
L3501	1-456-680-11	INDUCTOR 10uH (EXCEPT HDX266)	
L3502	1-456-680-11	INDUCTOR 10uH (EXCEPT HDX266)	
L3901	1-457-077-11	AIR-CORE COIL	
L3902	1-457-078-11	AIR-CORE COIL	
L3903	1-457-077-11	AIR-CORE COIL	
L3904	1-457-078-11	AIR-CORE COIL	
		< TRANSISTOR >	
Q503	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q504	6-550-718-01	FET RSR025N03TL	
Q631	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q632	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q1101	6-550-008-01	FET UM6K1N-TN	
Q1102	6-550-653-01	TRANSISTOR QST8TR	
Q1103	8-729-027-52	TRANSISTOR DTC124EKA-T146	
Q1701	6-550-008-01	FET UM6K1N-TN	

Note: EEPROM (IC1103) cannot exchange with single. When EEPROM (IC1103) is damaged, exchange the entire mounted board.

MAIN

Ref. No.	Part No.	Description			Remark
Q3000	8-729-142-48	TRANSISTOR	2SD1616-TP-LK		
Q3001	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q3002	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q3081	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q3101	8-729-600-22	TRANSISTOR	2SA1235-F		
Q3102	8-729-600-22	TRANSISTOR	2SA1235-F		
Q3151	8-729-600-22	TRANSISTOR	2SA1235-F		
Q3152	8-729-600-22	TRANSISTOR	2SA1235-F		
Q3201	8-729-600-22	TRANSISTOR	2SA1235-F		
Q3202	8-729-600-22	TRANSISTOR	2SA1235-F		
Q3251	8-729-600-22	TRANSISTOR	2SA1235-F		
Q3252	8-729-600-22	TRANSISTOR	2SA1235-F		
Q3301	8-729-600-22	TRANSISTOR	2SA1235-F		
Q3302	8-729-600-22	TRANSISTOR	2SA1235-F		
Q3401	8-729-600-22	TRANSISTOR	2SA1235-F		
Q3402	8-729-600-22	TRANSISTOR	2SA1235-F		
Q3551	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q3552	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q3553	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q9724	8-729-026-53	TRANSISTOR	2SA1576A-T106-QR		
Q9726	8-729-905-35	TRANSISTOR	2SC4081-R		
Q9728	8-729-905-35	TRANSISTOR	2SC4081-R		
Q9729	8-729-027-43	TRANSISTOR	DTC114EKA-T146		
		< RESISTOR >			
R146	1-216-805-11	METAL CHIP	47	5% 1/10W	
R501	1-216-857-11	METAL CHIP	1M	5% 1/10W	
R502	1-216-809-11	METAL CHIP	100	5% 1/10W	
R504	1-216-833-11	METAL CHIP	10K	5% 1/10W	(HDX265: E)
R504	1-216-835-11	METAL CHIP	15K	5% 1/10W	(HDX265: AUS)
R504	1-216-841-11	METAL CHIP	47K	5% 1/10W	(EXCEPT HDX265: E, AUS)
R505	1-216-837-11	METAL CHIP	22K	5% 1/10W	(EXCEPT HDX265: E, AUS)
R505	1-216-841-11	METAL CHIP	47K	5% 1/10W	(HDX265: E, AUS)
R506	1-216-827-11	METAL CHIP	3.3K	5% 1/10W	(HDX266)
R506	1-218-867-11	METAL CHIP	6.8K	0.5% 1/10W	(HDX265/HDX267W)
R506	1-216-835-11	METAL CHIP	15K	5% 1/10W	(HDX465/HDX466)
R506	1-216-841-11	METAL CHIP	47K	5% 1/10W	(HDX665)
R507	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R508	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R509	1-216-809-11	METAL CHIP	100	5% 1/10W	
R510	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R511	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R512	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R513	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R514	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R515	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R516	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R517	1-216-809-11	METAL CHIP	100	5% 1/10W	
R518	1-216-809-11	METAL CHIP	100	5% 1/10W	
R519	1-216-833-11	METAL CHIP	10K	5% 1/10W	

Ref. No.	Part No.	Description			Remark
R526	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R527	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R528	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R529	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R530	1-216-809-11	METAL CHIP	100	5% 1/10W	
R531	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R532	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R533	1-216-809-11	METAL CHIP	100	5% 1/10W	
R534	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R535	1-216-809-11	METAL CHIP	100	5% 1/10W	
R536	1-216-864-11	SHORT CHIP	0		
R539	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R540	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R542	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R546	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R550	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R552	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R553	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R554	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R555	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R556	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R557	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R558	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R559	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R561	1-216-845-11	METAL CHIP	100K	5% 1/10W	
R562	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R563	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R572	1-218-751-11	METAL CHIP	300K	0.5% 1/10W	
R573	1-216-845-11	METAL CHIP	100K	5% 1/10W	
R575	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R576	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R577	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R578	1-216-809-11	METAL CHIP	100	5% 1/10W	
R579	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R580	1-216-809-11	METAL CHIP	100	5% 1/10W	
R583	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R586	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R587	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R589	1-216-295-00	SHORT CHIP	0		
R590	1-216-295-00	SHORT CHIP	0		
R596	1-216-295-00	SHORT CHIP	0		
R597	1-216-295-00	SHORT CHIP	0		
R598	1-216-296-11	SHORT CHIP	0		
R599	1-216-295-00	SHORT CHIP	0		
R601	1-216-864-11	SHORT CHIP	0		
R604	1-216-809-11	METAL CHIP	100	5% 1/10W	
R605	1-216-809-11	METAL CHIP	100	5% 1/10W	
R606	1-216-809-11	METAL CHIP	100	5% 1/10W	
R607	1-216-809-11	METAL CHIP	100	5% 1/10W	
R608	1-216-809-11	METAL CHIP	100	5% 1/10W	
R612	1-216-809-11	METAL CHIP	100	5% 1/10W	
R613	1-216-809-11	METAL CHIP	100	5% 1/10W	
R614	1-216-809-11	METAL CHIP	100	5% 1/10W	
R620	1-216-809-11	METAL CHIP	100	5% 1/10W	
R621	1-216-809-11	METAL CHIP	100	5% 1/10W	
R622	1-216-809-11	METAL CHIP	100	5% 1/10W	
R623	1-216-809-11	METAL CHIP	100	5% 1/10W	

MAIN

Ref. No.	Part No.	Description			Remark
R624	1-216-809-11	METAL CHIP	100	5%	1/10W
R625	1-216-809-11	METAL CHIP	100	5%	1/10W
R631	1-216-833-11	METAL CHIP	10K	5%	1/10W
R632	1-216-841-11	METAL CHIP	47K	5%	1/10W
R636	1-216-864-11	SHORT CHIP	0		
R637	1-216-809-11	METAL CHIP	100	5%	1/10W
R638	1-216-809-11	METAL CHIP	100	5%	1/10W
R639	1-216-809-11	METAL CHIP	100	5%	1/10W
R642	1-216-809-11	METAL CHIP	100	5%	1/10W
R651	1-216-809-11	METAL CHIP	100	5%	1/10W
R652	1-216-809-11	METAL CHIP	100	5%	1/10W
R653	1-216-809-11	METAL CHIP	100	5%	1/10W
R654	1-216-809-11	METAL CHIP	100	5%	1/10W
R655	1-216-809-11	METAL CHIP	100	5%	1/10W
R656	1-216-809-11	METAL CHIP	100	5%	1/10W
R657	1-216-809-11	METAL CHIP	100	5%	1/10W
R658	1-216-809-11	METAL CHIP	100	5%	1/10W
R659	1-216-809-11	METAL CHIP	100	5%	1/10W
R691	1-216-864-11	SHORT CHIP	0		
R692	1-216-864-11	SHORT CHIP	0		
R693	1-216-864-11	SHORT CHIP	0		
R694	1-216-864-11	SHORT CHIP	0		
R695	1-216-864-11	SHORT CHIP	0		
R696	1-216-864-11	SHORT CHIP	0		
R701	1-216-813-11	METAL CHIP	220	5%	1/10W
R702	1-216-864-11	SHORT CHIP	0		
R721	1-216-864-11	SHORT CHIP	0		
R770	1-216-809-11	METAL CHIP	100	5%	1/10W
R775	1-216-801-11	METAL CHIP	22	5%	1/10W
R776	1-216-801-11	METAL CHIP	22	5%	1/10W
R777	1-216-801-11	METAL CHIP	22	5%	1/10W
R778	1-216-864-11	SHORT CHIP	0		
R780	1-216-805-11	METAL CHIP	47	5%	1/10W
R781	1-216-805-11	METAL CHIP	47	5%	1/10W
R782	1-216-801-11	METAL CHIP	22	5%	1/10W
R783	1-216-801-11	METAL CHIP	22	5%	1/10W
R784	1-216-801-11	METAL CHIP	22	5%	1/10W
R785	1-216-801-11	METAL CHIP	22	5%	1/10W
R786	1-216-295-00	SHORT CHIP	0		
R790	1-216-864-11	SHORT CHIP	0		
R1101	1-216-809-11	METAL CHIP	100	5%	1/10W
R1102	1-216-295-00	SHORT CHIP	0		
R1103	1-216-864-11	SHORT CHIP	0		
R1105	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1106	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1107	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1108	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1109	1-216-864-11	SHORT CHIP	0		
R1110	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1111	1-216-809-11	METAL CHIP	100	5%	1/10W
R1112	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R1113	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R1114	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1115	1-211-977-11	METAL CHIP	22	0.5%	1/10W
R1116	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1117	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1118	1-216-801-11	METAL CHIP	22	5%	1/10W
R1120	1-216-801-11	METAL CHIP	22	5%	1/10W

Ref. No.	Part No.	Description			Remark
R1121	1-216-801-11	METAL CHIP	22	5%	1/10W
R1123	1-216-864-11	SHORT CHIP	0		
R1124	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1125	1-216-805-11	METAL CHIP	47	5%	1/10W
R1132	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1133	1-216-864-11	SHORT CHIP	0		
R1135	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1136	1-216-835-11	METAL CHIP	15K	5%	1/10W
R1138	1-216-809-11	METAL CHIP	100	5%	1/10W
R1139	1-216-864-11	SHORT CHIP	0		
R1140	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1141	1-216-855-11	METAL CHIP	680K	5%	1/10W
R1142	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1145	1-216-864-11	SHORT CHIP	0		
R1147	1-216-864-11	SHORT CHIP	0		
R1148	1-216-864-11	SHORT CHIP	0		
R1151	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1152	1-216-864-11	SHORT CHIP	0		
R1153	1-216-864-11	SHORT CHIP	0		
R1154	1-216-864-11	SHORT CHIP	0		
R1155	1-216-864-11	SHORT CHIP	0		
R1156	1-216-809-11	METAL CHIP	100	5%	1/10W
R1159	1-216-805-11	METAL CHIP	47	5%	1/10W
R1160	1-216-805-11	METAL CHIP	47	5%	1/10W
R1161	1-216-801-11	METAL CHIP	22	5%	1/10W
R1169	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1170	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1171	1-216-809-11	METAL CHIP	100	5%	1/10W
R1175	1-216-864-11	SHORT CHIP	0		
R1183	1-216-805-11	METAL CHIP	47	5%	1/10W
R1184	1-216-805-11	METAL CHIP	47	5%	1/10W
R1185	1-216-805-11	METAL CHIP	47	5%	1/10W
R1191	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1193	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1204	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R1205	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1206	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1207	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R1208	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1209	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1210	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1212	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1213	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1214	1-216-835-11	METAL CHIP	15K	5%	1/10W
R1215	1-216-834-11	METAL CHIP	12K	5%	1/10W
R1216	1-216-834-11	METAL CHIP	12K	5%	1/10W
R1219	1-216-838-11	METAL CHIP	27K	5%	1/10W
R1220	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1221	1-218-889-11	METAL CHIP	56K	0.5%	1/10W
R1223	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R1224	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1225	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R1226	1-218-889-11	METAL CHIP	56K	0.5%	1/10W
R1230	1-218-893-11	METAL CHIP	82K	0.5%	1/10W
R1231	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R1232	1-218-877-11	METAL CHIP	18K	0.5%	1/10W
R1233	1-218-883-11	METAL CHIP	33K	0.5%	1/10W

MAIN

Ref. No.	Part No.	Description			Remark
R1234	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1246	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1247	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1254	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1601	1-216-295-00	SHORT CHIP	0		
R1602	1-216-295-00	SHORT CHIP	0		
R1603	1-216-295-00	SHORT CHIP	0		
R1604	1-216-295-00	SHORT CHIP	0		
R1605	1-216-296-11	SHORT CHIP	0		
R1606	1-216-295-00	SHORT CHIP	0		
R1701	1-216-809-11	METAL CHIP	100	5%	1/10W
R1702	1-216-864-11	SHORT CHIP	0		
R1703	1-216-864-11	SHORT CHIP	0		
R1704	1-216-809-11	METAL CHIP	100	5%	1/10W
R1705	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1706	1-216-864-11	SHORT CHIP	0		
R1707	1-216-864-11	SHORT CHIP	0		
R1712	1-216-809-11	METAL CHIP	100	5%	1/10W
R1713	1-218-841-11	METAL CHIP	560	0.5%	1/10W
R1714	1-216-864-11	SHORT CHIP	0		
R1721	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1722	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1723	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1726	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1727	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1728	1-216-864-11	SHORT CHIP	0		
R1730	1-218-840-11	METAL CHIP	510	0.5%	1/10W
R1731	1-216-864-11	SHORT CHIP	0		
R1734	1-216-864-11	SHORT CHIP	0		
R1736	1-216-864-11	SHORT CHIP	0		
R1738	1-216-864-11	SHORT CHIP	0		
R1740	1-216-864-11	SHORT CHIP	0		
R1742	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1744	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1746	1-216-864-11	SHORT CHIP	0		
R1747	1-216-864-11	SHORT CHIP	0		
R1748	1-216-864-11	SHORT CHIP	0		
R1749	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R1750	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R1751	1-216-864-11	SHORT CHIP	0		
R1752	1-216-864-11	SHORT CHIP	0		
R1753	1-216-864-11	SHORT CHIP	0		
R1756	1-216-864-11	SHORT CHIP	0		
R1757	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1758	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1759	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1783	1-216-864-11	SHORT CHIP	0		
R1784	1-216-864-11	SHORT CHIP	0		
R1785	1-216-864-11	SHORT CHIP	0		
R1786	1-216-864-11	SHORT CHIP	0		
R1788	1-216-864-11	SHORT CHIP	0		
R1791	1-216-864-11	SHORT CHIP	0		
R1793	1-216-864-11	SHORT CHIP	0		
R2101	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R2104	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R2107	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2110	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R2113	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2114	1-216-801-11	METAL CHIP	22	5%	1/10W
R2115	1-216-864-11	SHORT CHIP	0		
R2118	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2119	1-216-864-11	SHORT CHIP	0		
R2126	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R2127	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R2128	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2129	1-216-845-11	METAL CHIP	100K	5%	1/10W
R2133	1-216-864-11	SHORT CHIP	0		
R2134	1-216-864-11	SHORT CHIP	0		
R2135	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R2150	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R2151	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R2152	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R2161	1-216-809-11	METAL CHIP	100	5%	1/10W
R2167	1-216-864-11	SHORT CHIP	0		
R2168	1-216-813-11	METAL CHIP	220	5%	1/10W
R2169	1-216-809-11	METAL CHIP	100	5%	1/10W
R2176	1-216-864-11	SHORT CHIP	0		
R2177	1-216-809-11	METAL CHIP	100	5%	1/10W
R2178	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2179	1-216-809-11	METAL CHIP	100	5%	1/10W
R2183	1-216-809-11	METAL CHIP	100	5%	1/10W
R2184	1-216-809-11	METAL CHIP	100	5%	1/10W
R2185	1-216-809-11	METAL CHIP	100	5%	1/10W
R2186	1-216-864-11	SHORT CHIP	0		
R2187	1-216-805-11	METAL CHIP	47	5%	1/10W
R2191	1-216-809-11	METAL CHIP	100	5%	1/10W
R2505	1-216-864-11	SHORT CHIP	0		
R2705	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2706	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2711	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R2712	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R2713	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R2714	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R2715	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R2716	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R2717	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R2718	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R2751	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3001	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3002	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3003	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R3004	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R3006	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3011	1-216-817-11	METAL CHIP	470	5%	1/10W
R3012	1-216-817-11	METAL CHIP	470	5%	1/10W
R3013	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3014	1-216-801-11	METAL CHIP	22	5%	1/10W
R3015	1-216-809-11	METAL CHIP	100	5%	1/10W
R3017	1-216-819-11	METAL CHIP	680	5%	1/10W
R3021	1-216-817-11	METAL CHIP	470	5%	1/10W
R3022	1-216-817-11	METAL CHIP	470	5%	1/10W
R3023	1-216-801-11	METAL CHIP	22	5%	1/10W
R3024	1-216-809-11	METAL CHIP	100	5%	1/10W
R3026	1-216-819-11	METAL CHIP	680	5%	1/10W
R3031	1-216-817-11	METAL CHIP	470	5%	1/10W

MAIN

Ref. No.	Part No.	Description			Remark
R3032	1-216-817-11	METAL CHIP	470	5%	1/10W
R3033	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3034	1-216-801-11	METAL CHIP	22	5%	1/10W
R3035	1-216-809-11	METAL CHIP	100	5%	1/10W
R3037	1-216-819-11	METAL CHIP	680	5%	1/10W
R3040	1-216-864-11	SHORT CHIP	0		
R3041	1-216-864-11	SHORT CHIP	0		
R3042	1-216-864-11	SHORT CHIP	0		
R3043	1-216-864-11	SHORT CHIP	0		
R3044	1-216-864-11	SHORT CHIP	0		
R3045	1-216-864-11	SHORT CHIP	0		
R3046	1-216-864-11	SHORT CHIP	0		
R3050	1-216-864-11	SHORT CHIP	0		
R3051	1-216-097-11	RES-CHIP	100K	5%	1/10W
R3052	1-216-857-11	METAL CHIP	1M	5%	1/10W
R3053	1-216-809-11	METAL CHIP	100	5%	1/10W
R3054	1-216-801-11	METAL CHIP	22	5%	1/10W
R3055	1-216-809-11	METAL CHIP	100	5%	1/10W
R3057	1-216-809-11	METAL CHIP	100	5%	1/10W
R3059	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3060	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3061	1-216-864-11	SHORT CHIP	0		
R3062	1-216-809-11	METAL CHIP	100	5%	1/10W
R3063	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3064	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3065	1-216-809-11	METAL CHIP	100	5%	1/10W
R3066	1-216-809-11	METAL CHIP	100	5%	1/10W
R3067	1-216-809-11	METAL CHIP	100	5%	1/10W
R3068	1-216-809-11	METAL CHIP	100	5%	1/10W
R3069	1-216-809-11	METAL CHIP	100	5%	1/10W
R3070	1-216-809-11	METAL CHIP	100	5%	1/10W
R3071	1-216-809-11	METAL CHIP	100	5%	1/10W
R3072	1-216-809-11	METAL CHIP	100	5%	1/10W
R3073	1-216-809-11	METAL CHIP	100	5%	1/10W
R3074	1-216-809-11	METAL CHIP	100	5%	1/10W
R3075	1-216-809-11	METAL CHIP	100	5%	1/10W
R3076	1-216-809-11	METAL CHIP	100	5%	1/10W
R3077	1-216-809-11	METAL CHIP	100	5%	1/10W
R3078	1-216-809-11	METAL CHIP	100	5%	1/10W
R3079	1-216-809-11	METAL CHIP	100	5%	1/10W
R3080	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3085	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3086	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3087	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3088	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3089	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3090	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3091	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3092	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3093	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3094	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3095	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R3096	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3097	1-216-809-11	METAL CHIP	100	5%	1/10W
R3098	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3099	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3101	1-216-809-11	METAL CHIP	100	5%	1/10W
R3102	1-216-809-11	METAL CHIP	100	5%	1/10W
R3103	1-216-864-11	SHORT CHIP	0		
R3104	1-216-864-11	SHORT CHIP	0		
R3107	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3115	1-216-864-11	SHORT CHIP	0		
R3116	1-216-864-11	SHORT CHIP	0		
R3125	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3126	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3127	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3151	1-216-809-11	METAL CHIP	100	5%	1/10W
R3152	1-216-809-11	METAL CHIP	100	5%	1/10W
R3153	1-216-864-11	SHORT CHIP	0		
R3154	1-216-864-11	SHORT CHIP	0		
R3157	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3165	1-216-864-11	SHORT CHIP	0		
R3166	1-216-864-11	SHORT CHIP	0		
R3175	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3176	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3177	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3201	1-216-809-11	METAL CHIP	100	5%	1/10W
R3202	1-216-809-11	METAL CHIP	100	5%	1/10W
R3203	1-216-864-11	SHORT CHIP	0		
R3204	1-216-864-11	SHORT CHIP	0		
R3207	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3215	1-216-864-11	SHORT CHIP	0		
R3216	1-216-864-11	SHORT CHIP	0		
R3225	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3226	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3227	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3251	1-216-809-11	METAL CHIP	100	5%	1/10W
R3252	1-216-809-11	METAL CHIP	100	5%	1/10W
R3253	1-216-864-11	SHORT CHIP	0		
R3254	1-216-864-11	SHORT CHIP	0		
R3257	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3265	1-216-864-11	SHORT CHIP	0		
R3266	1-216-864-11	SHORT CHIP	0		
R3275	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3276	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3277	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3301	1-216-809-11	METAL CHIP	100	5%	1/10W
R3302	1-216-809-11	METAL CHIP	100	5%	1/10W
R3303	1-216-864-11	SHORT CHIP	0		
R3304	1-216-864-11	SHORT CHIP	0		
R3307	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3315	1-216-864-11	SHORT CHIP	0		
R3316	1-216-864-11	SHORT CHIP	0		
R3325	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3326	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3327	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3401	1-216-809-11	METAL CHIP	100	5%	1/10W (EXCEPT HDX266)
R3402	1-216-809-11	METAL CHIP	100	5%	1/10W (EXCEPT HDX266)
R3403	1-216-864-11	SHORT CHIP	0		
R3404	1-216-864-11	SHORT CHIP	0		
R3407	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3415	1-216-864-11	SHORT CHIP	0		
R3416	1-216-864-11	SHORT CHIP	0		

MAIN **PW-SW** **SPEAKER**

Ref. No.	Part No.	Description			Remark
R3425	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3426	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3427	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3501	1-216-809-11	METAL CHIP	100	5%	1/10W
R3502	1-216-809-11	METAL CHIP	100	5%	1/10W
R3503	1-216-864-11	SHORT CHIP	0 (EXCEPT HDX266)		
R3504	1-216-864-11	SHORT CHIP	0 (EXCEPT HDX266)		
R3507	1-216-835-11	METAL CHIP	15K	5%	1/10W (EXCEPT HDX266)
R3515	1-216-864-11	SHORT CHIP	0 (EXCEPT HDX266)		
R3516	1-216-864-11	SHORT CHIP	0 (EXCEPT HDX266)		
R3551	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3552	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3553	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3554	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3555	1-216-864-11	SHORT CHIP	0		
R3556	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3557	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3558	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3901	1-216-296-11	SHORT CHIP	0		
R3902	1-216-296-11	SHORT CHIP	0		
R3905	1-216-296-11	SHORT CHIP	0		
R3906	1-216-296-11	SHORT CHIP	0		
R3907	1-216-864-11	SHORT CHIP	0		
R3911	1-216-864-11	SHORT CHIP	0		
R3912	1-216-864-11	SHORT CHIP	0		
R3913	1-216-864-11	SHORT CHIP	0		
R3914	1-216-864-11	SHORT CHIP	0		
R3917	1-216-864-11	SHORT CHIP	0		
R3918	1-216-864-11	SHORT CHIP	0		
R3919	1-216-864-11	SHORT CHIP	0		
R3920	1-216-864-11	SHORT CHIP	0 (EXCEPT HDX266)		
R3921	1-216-864-11	SHORT CHIP	0 (EXCEPT HDX266)		
R4002	1-216-864-11	SHORT CHIP	0		
R4501	1-216-801-11	METAL CHIP	22	5%	1/10W
R4502	1-216-801-11	METAL CHIP	22	5%	1/10W
R4510	1-216-805-11	METAL CHIP	47	5%	1/10W
R4511	1-216-801-11	METAL CHIP	22	5%	1/10W
R4512	1-216-864-11	SHORT CHIP	0		
R4514	1-216-805-11	METAL CHIP	47	5%	1/10W
R4515	1-216-805-11	METAL CHIP	47	5%	1/10W
R4516	1-216-805-11	METAL CHIP	47	5%	1/10W
R4517	1-216-864-11	SHORT CHIP	0		
R4519	1-216-864-11	SHORT CHIP	0		
R4521	1-216-864-11	SHORT CHIP	0		
R4701	1-216-864-11	SHORT CHIP	0		
R4702	1-216-864-11	SHORT CHIP	0		
R4703	1-216-864-11	SHORT CHIP	0		
R4704	1-216-864-11	SHORT CHIP	0		
R4705	1-216-864-11	SHORT CHIP	0		
R4706	1-216-864-11	SHORT CHIP	0		
R4717	1-216-864-11	SHORT CHIP	0		
R4718	1-216-864-11	SHORT CHIP	0		
R4805	1-216-801-11	METAL CHIP	22	5%	1/10W
R9918	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9920	1-216-864-11	SHORT CHIP	0		
R9922	1-216-833-11	METAL CHIP	10K	5%	1/10W
R9924	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9928	1-216-837-11	METAL CHIP	22K	5%	1/10W
R9929	1-216-837-11	METAL CHIP	22K	5%	1/10W
R9934	1-216-833-11	METAL CHIP	10K	5%	1/10W
R9935	1-216-864-11	SHORT CHIP	0		
R9941	1-216-838-11	METAL CHIP	27K	5%	1/10W
R9945	1-216-813-11	METAL CHIP	220	5%	1/10W

< COMPOSITION CIRCUIT BLOCK >

RB1103	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1104	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1105	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1106	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1107	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1108	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1109	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
RB1110	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
RB1111	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1112	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
RB1113	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
RB1114	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1115	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1116	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1117	1-234-371-21	RES, NETWORK	47 (1005X4)		
RB1701	1-234-378-21	RES, NETWORK	10K (1005X4)		
RB1702	1-234-378-21	RES, NETWORK	10K (1005X4)		
RB1711	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			
RB1712	1-234-400-21	CONDUCTOR, NETWORK (1005X4)			

< TERMINAL >

TB3901	1-780-453-11	TERMINAL BOARD (SPEAKER) 2P (SPEAKER)			

< VIBRATOR >

X501	1-795-058-21	VIBRATOR, CERAMIC (5MHz)			
X1101	1-795-630-11	VIBRATOR, CRYSTAL (27MHz)			
X3051	1-795-660-21	QUARTZ CRYSTAL UNIT (49.152MHz)			

****

PW-SW BOARD
****

< SWITCH >

S920	1-771-349-41	SWITCH, KEYBOARD (I/⏻)			

****

SPEAKER BOARD
****

< CAPACITOR >

C780	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C781	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C782	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C783	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C784	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C785	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C786	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C787	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C788	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C789	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V

SPEAKER

Ref. No.	Part No.	Description			Remark
C790	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C791	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C792	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C793	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C794	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C795	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
		< CONNECTOR >			
* CN780	1-564-523-11	PLUG, CONNECTOR 8P			
		< TERMINAL >			
TB780	1-780-454-11	TERMINAL BOARD (SPEAKER) 4P (SPEAKER)			

MEMO

REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2007.02	New
1.1	2007.03	Deletion of DIGITAL MEDIA PORT DEVICE TEST in the TEST MODE Change of FL board (Suffix-13) Change of MAIN and DMPORT boards (Suffix-12) (SUPPLEMENT-1) Change of EN, LED, DIAT CON, SPEAKER and PW-SW boards (Suffix-13) (SUPPLEMENT-1) (ECN-ECC07305/ECC11707/ECC11967/SPM-07006)